**Tarun Korada**

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**PROFESSIONAL SUMMARY**

* 10+ years of professional experience in Requirements Analysis, Design, Development, and Implementation of **Java**, **J2EE** and client-server technologies.
* Proficient in **Java 8, Java 11, and Java17**, with a strong foundation in **Core Java AWS, Spark**, **Scala**, **Kotlin**, and **Python**.
* Strong front-end development using **Adobe Flex**, **MXML**, **Action Script**, **AJAX**, **Java Scripts**, **CSS**, **HTML** and **DHTML**.
* Experience on a cloud platform and experience with **Amazon S3**, **EC2**, **Elasticsearch**, **VPC**, **RDS**, **EBS**, **SQS**, and **LAMBDA**.
* Expertise in developing Flex Rich Internet Applications (RIA) with Cairngorm **MVC architecture** and **Mate** **Framework**, **Flex Unit** for testing, **Blaze DS** for remote development services, Action Script Good experience in developing Flex Custom Components, Flex Data services, Charting, Error handling, Advanced graphing, Dashboard layout design, analyzing designing and deploying a Flex application.
* Good experience in **Agile** and **SCRUM** methodologies.
* Adept in front-end development using **Angular 15**, **Angular 10**, **Angular 5**, **React**, **ReactJS**, **Handlebars.js**, **Backbone.js**, **HTML**, **DHTML**, **CSS**, and **JSON**
* Extensive experience in developing applications using **Java**, **JSP**, **Servlets**, **JavaBeans**, **JSTL**, **JSP Custom Tag Libraries**, **JDBC**, **JNDI**, **SQL**, **AJAX**, **JavaScript,** and **XML**.
* Strong Working experience in Design, Development, and implementation of several **J2EE** frameworks like (Model View Controller) **Struts**, **Spring**, **Hibernate** and **EJB**.
* Experience in configuring and deploying Web Applications using **WebLogic**, **WebSphere**, **JBoss**, **Tomcat** and **Apache**.
* Proficiency in working with databases like **Oracle**, **MySQL**, **MongoDB**, **NoSQL**.
* Experience in doing Test driven development (**TDD**) and Behavior driver development (**BDD**) using **Cucumber-JVM/JRuby**.
* Expertise in establishing database connections for Java and Python by configuring packages like JDBC, MySQL-Python.
* Using **EMR, EC2, AWS Glue, AWS Open/Elastic Search, Step Functions, Lambda, S3, CloudWatch Event bridge, Python/ Py Spark, Snowflake.**
* Strong understanding of common API technologies, such as **OAuth**, **SAML**, **Spring Boot**, and **Microservices**.
* Having a good experience with the **Rest API**, **Graph**, and **Web Socket Programming** for Reliable and real-time communications between microservices and applications.
* Expertise in developing SOA (Service Oriented Architecture), REST, and **J2EE Web Services** based on **SOAP**, **BPM**, **WSDL**, **JAX-WS**, **JAXB**, and **JAX-RPC** using tools like **Apache Axis**.
* Developed **ANT** scripts for the build and deployment of **J2EE** applications.
* Design, analysis and modeling of n-tired, Object-Oriented system architectures using **Rational Rose**.
* Thorough knowledge in using **UML**, **XML** parsers (SAX, DOM), **SOAP**, **HTML** and **DHTML**.
* Sound RDBMS concepts and extensively worked with **Oracle**, PL/SQL, SQL Server & **DB2**.
* Very good experience in developing Test Cases using **JUnit**.
* Extensive experience with **Apache Kafka**, implementing event-driven architectures and real-time data streaming solutions.
* Used Hibernate as an Object relational mapping **(ORM)** library.
* Proficient in container orchestration using **Kubernetes** and **OpenShift**, ensuring scalable and reliable deployment of applications in containerized environments.
* In-depth knowledge of database tools, including NoSQL databases like **MongoDB**, **DynamoDB**, and **Big Query**. Experience with tools like Mongo DB Compass for efficient database management.
* Experience in **XML**, Web Services using **SOAP**, XML-RPC, JAX-RPC, JAXB and Messaging standards like **JMS**.
* Extensive experience with additional testing tools beyond JUnit, including **Jasmin**, **Karma**, **Mockito**, **Selenium**, and **Cypress**, ensuring comprehensive testing coverage.

**Technical Skills**

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| **Category** | **Skills** |
| **Languages** | Java 8, Java 11, Java 16, Java 17, JavaScript, Spark, Scala, Core Java, Kotlin, Python, PHP, C Language |
| **Technologies** | Spring, Spring Boot, Microservices, CI/CD Pipelines, TDD, BDD, JPA, JDBC, Hibernate, JSP, JSTL, RMI, APPLETS, AWT, Restful API, WSDL, SOAP, JAX WS Apache axis, XSD, JMS, GraphQL |
| **Web Technologies** | Angular-15, Angular-10, Angular-5, React, ReactJS, Handlebars.js, Backbone.js, HTML, DHTML, CSS, JSON |
| **Development Tools (IDEs)** | IntelliJ, Eclipse, Visual Studio, STS |
| **Web/Application Servers** | Apache Tomcat, WebLogic, IBM Web Sphere |
| **Testing Tools** | Jasmin and Karma, JUnit and Mockito, Selenium, Cypress |
| **Database** | NO SQL, Mongo DB, Dynamo DB, MY SQL, Oracle DB, DB2, Mongo DB compass (), Big Query |
| **Methodologies** | Agile with Scrum, Agile with Kanban, Waterfall |
| **Build Tools** | Maven, Gradle, GIT, GitLab, GitHub, CVS |
| **Cloud Services** | AWS EC2, AWS ECS, AWS S3, AWS RDS, AWS Lambda |
| **Cloud Technologies and Containerizations** | AWS, GCP, Azure, Dockers, Kubernetes, OpenShift, OpenStack |
| **Monitoring Tools** | Kibana, Cloud Watch, SonarQube, Sonar lint |

**Work Experience**

**Zurich Insurance, Plano, TX Nov 2022 to Present**

**Full Stack Developer**

**Responsibilities:**

* Developed and maintained scalable applications using **Java** **8**, **Java** **11**, **Java** **16**, and **Java** **17** features, optimizing code with Java 8 Lambda expressions.
* Implemented user interfaces using JSP, JSF framework with **AJAX**, **JavaScript**, **HTML**, **DHTML**, and **CSS** for comprehensive front-end development.
* Designed and developed REST-based Microservices using **Spring Boot** and created a **MongoDB** (NoSQL) based external **RESTful API**.
* Implemented and migrated components of the application from Java to **Kotlin**, taking advantage of Kotlin's concise syntax, null safety, and other modern language features.
* Conducted JVM heap analysis using Profiler for performance tuning and implemented application-level persistence using **Hibernate** and **Spring**.
* Built scripts on AWS cloud for scheduling EC2 auto scaling load balancer with **python sdk**.
* Integrated Kotlin with the Spring Framework, including the use of **Kotlin** data classes and extension functions to streamline code and enhance readability.
* Developed software for AWS using Java 8, **Spring Framework 5.0**, MySQL, **AWS Aurora**, **Lambda**, **API Gateway**, S3, SNS, SQS, **DynamoDB**, EC2, EBS, Akamai WAF, and **Apache Tomcat**.
* Integrated **Spark** with other components of the data pipeline, such as **Kafka** and Elasticsearch, for end-to-end data processing and analytics solutions.
* Developed mobile web applications for Android, iOS, and BlackBerry devices using Ruby on Rails with **backbone.js**.
* Implemented responsive and dynamic user interfaces using Angular 11 CLI and Angular 11 Material components, integrating RESTful APIs with **Angular 11** services using Http Client Module, and implementing authentication and authorization mechanisms using Angular 11 guards.
* Integrated **Kibana** for visualizing JVM heap analysis data obtained from tools like **Jprofiler**, providing insights into memory usage and aiding in performance tuning.
* Utilized Angular 11 forms for user input validation, created reactive forms for complex data handling, and implemented client-side routing for smooth navigation.
* Provided service discovery for all microservices using Spring Cloud **Kubernetes**.
* Developed **RESTful web services** using Grail’s framework in **Python**.
* Monitored AWS infrastructure, created watchers, and alerts using Elasticsearch and Cloud Trail.
* Automated various manual processes using **VB Script** and **Ruby scripts** and assisted in deploying web-based applications into Android OS using Cordova.
* Implemented **Docker** containers to encapsulate applications and their dependencies, ensuring consistency across various environments.
* Ensured seamless interoperability between **Scala** and Java modules, enabling a smooth transition and enhancing overall system functionality.
* Utilized Java 11 features for improved exception handling, including try-with-resources, enhanced stack traces, and standardized exception classes.
* Utilized **OpenStack** APIs to manage infrastructure resources programmatically, enabling dynamic scaling and efficient utilization of computing resources.
* Employed **Kibana** to centralize logging from Docker containers, providing a unified platform for log analysis, troubleshooting, and identifying patterns in distributed applications.
* Led the development of RESTful APIs using **Scala** and Play Framework, meeting strict industry standards for security and scalability.
* Utilized Java 8 features, **Jenkins** for Continuous Integration (CI), and Hudson.
* Wrote Restful web services to communicate with MongoDB and configured **Hibernate**, Struts, and Tiles related XML files.
* Used **JIRA** for issue/project workflow management and **IAM** to manage and create **AWS** users and groups with permissions.
* Provided support & development for web-based applications and TCP/IP socket applications in UNIX using **PHP, C, Perl, JavaScript**, **Oracle, MS SQL, t-SQL, Pl/SQL, OpenSSL.**
* Utilized **Scala's** concurrency features, including framework, to design and implement parallel processing solutions.
* Utilized **Spark's** built-in fault tolerance mechanisms to design and implement reliable data processing solutions, minimizing the impact of node failures
* Integrated **Apache Kafka** for real-time data streaming and message processing in a distributed system architecture.
* Deployed and managed applications in an **OpenShift** environment, utilizing its container orchestration capabilities to ensure efficient resource usage and seamless scaling of application components.
* Conducted thorough unit testing using **JUnit** and **Mockito** for robust code coverage and bug identification.
* Implemented security measures, including **OAuth 2** authentication and authorization, to ensure secure API endpoints and data access.

**Environment:** Java 8, Java 11, Java 16, Java 17, JavaScript, Core java, Kotlin, Python, Spring, Spring boot, Scala, Microservices, CI/CD Pipelines, Angular-15, TDD, JPA, JDBC, Hibernate, JSP, JSTL, RMI, APPLETS, AWT, Restful API, WSDL, JAX RS, SOAP, JAX WS Apache axis, XSD, NO SQL, Mongo DB, Handlebars.js, Backbone.js, Apache Kafka, Apache Tomcat, Apache Spark, Kibana, Kubernetes, OpenShift, OpenStack, Agile with Scrum, Jasmin and Karma, JUnit and Mockito, selenium, GIT, GitLab and GitHub, Maven, IntelliJ, Windows, AWS, Dockers, Jenkins, AWS EC2, AWS ECS, AWS S3, AWS RDS, AWS Lambda, Mongo DB compass(), OAuth 2, Slack, Jira, Log4J, Cloud Watch, SonarQube, Postman, Swagger, HTML, CSS, Hibernate

**Wolters Kluwer Health, Coppell, TX. July 2021 to Oct 2022**

**Full Stack Developer**

**Responsibilities:**

* Developed web-based applications using Spring frameworks and modules such as **Spring MVC**, Dependency Injection, **Spring Core**, **Spring JDBC**, and Spring Java Mail Sender Impl.
* Developed the Services using **AWS Elastic Search**, **Restful Services** using **JAX-RS** and **Java**.
* Optimized **Spark** jobs for performance and resource utilization, fine-tuning configurations, and employing best practices to enhance overall processing speed.
* Developed and consumed Restful Web Services using media applications like **JSON**, **XML** and Text data.
* Used **OWASP** **ESAPI** to validate the input requests and encode the output responses to/from the service.
* Developed a web application for developers to generate their own REST API calls in **Java 8**, **Java 11**, and **Python**.
* Developed Web GUI involving **HTML5**, **Node.js**, **Java Script** under **MVC architecture**.
* Exposing and consuming the services to the downstream applications using **Apache CXF** and **Apache camel** and achieved integration between applications using Apache Camel.
* Implemented **OWASP CSRF Guard library**, a variant of the synchronizer token pattern to mitigate the risk of CSRF attacks.
* Used Spring Config server for centralized configuration and Splunk for centralized logging. Used **Jenkins** for **Microservices** deployment.
* Applied functional programming principles in **Scala** to solve complex problems, improving code maintainability and readability. Implemented **Apache Kafka** as a message queue for decoupling and asynchronous communication between microservices, enhancing fault tolerance and enabling better scalability in handling varying workloads.
* Implemented **Kafka** consumers in **Python** for specific functionalities, showcasing the flexibility of Kafka in supporting multiple programming languages within the microservices ecosystem.
* Integrated **Apache Spark** for large-scale data processing, leveraging its distributed computing capabilities to enhance the performance of data-intensive tasks.
* Worked on **Java 8,** features like Lambda Expressions and Java Stream API, contributing to AWS application development.
* Implemented **REST Microservices** using **Spring Boot**. Generated Metrics with method-level granularity and Persistence using **Spring AOP** and **Spring Actuator**.
* Integrated **Java 11**+ applications with message **brokers or event-driven architectures, utilizing technologies** such as **Apache** **Kafka** for asynchronous communication.
* Integrated **Kibana** with other components of the ELK stack, facilitating seamless data flow and visualization from Elasticsearch indices.
* Contributed to the migration of Java-based applications to **Scala**, leveraging the benefits of the Scala language.
* Design and standardize the **Restful API** URLs and parameters for efficient integration between front end and back end and experience in Creating and configuring the continuous delivery pipelines for deploying Microservices and lambda functions using **Jenkins** CI server.
* Implemented CI/CD pipelines on **OpenShift**, leveraging its seamless integration with continuous integration tools like Jenkins, to automate the testing, building, and deployment of applications, ensuring a consistent and reliable delivery process.
* Worked with **NoSQL** databases such as **Cassandra**, **Mongo DB**, and **Risk**.
* Used Pivotal Cloud foundry command lined interface with an **HTTP Proxy Server**.
* Used **UNIX** shell scripting to automate software installation and testing and Used **Kubernetes** to manage applications by inspecting and performing CRUD on clusters and worked on docker with Kubernetes to create pods for application and deployed across multi node Kubernetes cluster.
* Troubleshooted and resolved performance issues in **Scala** applications, improving overall system efficiency.
* Leveraged **Spark's** capabilities to handle diverse data formats, including **JSON**, **XML**, and **Text**, in the development of Restful Web Services.
* Developed and maintained applications with compatibility for **OpenStack** environments, ensuring seamless deployment and resource allocation across private and hybrid cloud infrastructures.
* Used Spring **MVC**, **JSP**, **JavaScript**, **J Query**, **Bootstrap**, **HTML5**, and **CSS3** in developing mini-site applications.
* Utilized **Angular framework** to enhance HTML, DHTML, and CSS interactions with TypeScript functions, imparting dynamism to client-side web pages. Employed Angular Router for Single Page Application (SPA) development.
* Designed front-end screens with **Angular**, leveraging pre-built components from npm. Implemented Angular components with TypeScript, adhering to the unidirectional data flow pattern.
* Contributed to creating interactive **Angular UIs**, incorporating one-way data flow, **virtual DOM**, and **TypeScript** concepts.
* Used MySQL, Oracle 10g/11g databases to do CRUD operations.

**Environment:** Java 8, Java 11, Java 16, Java17, JavaScript, Spark , Scala , Core java, Python, Spring, Spring boot, PHP, Microservices, CI/CD Pipelines, Angular-10, TDD, JPA, JDBC, Hibernate, JSP, JSTL, RMI, APPLETS, AWT, Restful API, WSDL, GraphQl, SOAP, JAX WS Apache axis, XSD, NO SQL, Mongo DB, Apache Kafka, Apache Tomcat, Apache Spark, Kibana, Agile with Scrum, Jasmin and Karma, JUnit and Mockito, selenium, GIT, GitLab and GitHub, Maven, IntelliJ, Windows, AWS, Dockers, Kubernetes, OpenShift, OpenStack Jenkins, AWS EC2, AWS ECS, AWS S3, AWS RDS, AWS Lambda, Mongo DB compass(), OAuth 2, Slack, Jira, Log4J, Cloud Watch, SonarQube, Postman, Swagger, HTML, CSS, JSON

**Albertsons, Fullerton, CA Jan 2020 to June 2021**

**Full Stack Developer**

**Responsibilities**:

* Developed and implemented server-side objects and client-side interfaces based on **J2EE** design patterns, utilizing Swing, **Spring**, and **J2EE MVC frame**work for application development.
* Co-developed dynamic Ruby on Rails/HTML5 applications, emphasizing data visualization and leveraging a mix of technologies, including **Java**, Objective-C, and PhoneGap.
* Developed PhoneGap and Titanium applications, incorporating **Java** and **Objective-C** plug-ins for diverse mobile platforms, such as **iOS, Android, and iPad.**
* Utilized **Java 8**, **Java 11**, features, including Lambda expressions, for code optimization in Web Based Rich Internet Applications (RIA) developed using **J2EE** (Spring framework) and **Macromedia/Adobe Flex**.
* Architected a customized network protocol for client applications (Android, iOS, Windows Phone 7) to communicate with cloud architectures. Utilized Cordova for deploying applications on **Android and iOS.**
* Eliminated **XML**-based configurations in MVC applications, adopting a Spring Boot approach for streamlined development.
* Applied **microservices** architecture, developing **Spring-based** services for seamless integration of user libraries within the application.
* Gained hands-on experience in the development of microservices and their deployment in **Docker** containers.
* Deployed **Spring Boot-based** **Microservices** in Docker and Amazon **EC2** containers, optimizing deployment processes with Jenkins.
* Worked with **Splunk** and the ELK stack for creating comprehensive monitoring and analytics solutions.
* Contributed to the development of microservices using Spring MVC, **Spring Boot**, and Spring Cloud, interacting through a combination of REST and Spring Boot technologies.
* Integrated **Python**-based scripts for data processing within the microservices architecture, enhancing data analytics capabilities.
* Designed and implemented containerized applications using **AWS ECS, enabling seamless deployment, scaling, and management of Docker containers.**
* Worked closely with team members to design, implement, and maintain RESTful APIs using Python, ensuring efficient communication and data exchange between various application modules.
* Implemented **Angular** 8/9 forms for user input, incorporating both template-driven and reactive forms, ensuring diverse data handling scenarios were covered.
* Created modular and reusable **Angular** 8/9 components and services, promoting code maintainability and **scalability** in web applications.
* Implemented **Apache Kafka** as a distributed streaming platform to enhance real-time data processing and communication between various components of the microservices architecture.
* Developed Kafka producers and consumers in **Java 11**, ensuring efficient and reliable data exchange between server-side components and enhancing the overall responsiveness of the system.
* Conducted unit testing and integration testing using **Angular** **8/9** testing utilities to ensure code quality and reliability.
* Implemented efficient data serialization and compression techniques in **Apache Spark** to minimize data transfer overhead and improve processing efficiency.
* Actively participated in Agile development methodologies, including sprint planning, daily stand-ups, and retrospective meetings.
* Incorporated **Apache Spark** as part of the big data ecosystem, ensuring compatibility with Hadoop Distributed File System (HDFS) and enhancing the overall capabilities for processing and analyzing large volumes of data.
* Implemented **Kubernetes** for container orchestration, enhancing scalability and resource management in microservices-based architecture.
* Contributed to the development of scalable and **RESTful Java APIs**, supporting the front-end functionality of Angular 8/9 applications.
* Managed deployments using **Ant**, **Maven**, **Gradle**, and **Shell Scripts**, with project tracking and documentation facilitated through **JIRA** and **Confluence**.
* Developed a Web-Based Rich Internet Application (RIA) using **J2EE (Spring framework)** and **Macromedia/Adobe Flex**, enhancing the user experience and functionality.
* Implemented a persistence layer using **Hibernate** to interact seamlessly with the **Oracle database**, employing Hibernate Framework for object-relational mapping and persistence.
* Wrote backend scripts on **Node.js/JavaScript**, contributing to the server-side logic and functionality of web applications.
* Developed web applications using **Spring MVC**, **jQuery**, **HTML**, and **Bootstrap** for Virtual Infotech Inc., ensuring a responsive and user-friendly interface.

**Environment:** Java 8, Java 11, JavaScript, Core java, Spring, Spring boot, Spark, Scala , Python, PHP, Microservices, CI/CD Pipelines, Angular-10, TDD, JPA, JTA, JSP, JSTL, RMI, APPLETS, Restful API, NO SQL, Dynamo DB, Apache Kafka, Apache Tomcat, Apache Spark, Agile with Scrum, Jasmin and Karma, JUnit and Mockito, selenium, GIT, GitLab and GitHub, Maven, IntelliJ, Windows, AWS, Dockers, Kubernetes, Jenkins, AWS EC2, AWS ECS, AWS S3, AWS RDS, AWS Lambda, OAuth 2, Microsoft Teams, Jira, Log4J, Cloud Watch, Sonar lint, Postman, Swagger, HTML, CSS, Hibernate, JSON.

**Citi Bank, IL. Nov 2018 to Dec 2019**

**Full Stack Developer**

**Responsibilities**:

* Involved in Agile - Sprint methodologies to do requirements gathering, analysis and planning. Involved in gathering requirements from existing functionality for the custodians.
* Spearheaded the **Design, Development, Testing, and Integration** phases throughout the application lifecycle.
* Crafted User stories aligning with features from the Backlog for effective project management.
* Prepared High and Low-level design documents, incorporating **UML diagrams** for clear visualization.
* Analyzed and comprehended existing processes and actions through meticulous examination of legacy code.
* Leveraged **JavaScript** for input validation, HTML element manipulation, and the development of reusable external **JavaScript** codes for diverse web pages.
* Architected and executed microservices strategies, leveraging **Java 8**, **Java 11**, **Spring Boot**, and **RESTful APIs** for modular and scalable system development.
* Implemented **Apache Kafka** as a central messaging system to enable real-time communication between microservices, enhancing event-driven architecture and ensuring seamless data exchange and processing across the distributed environment.
* Created REST services interfacing with adapter classes and exposed them to the **AngularJS** front-end, facilitating a seamless transition from SOAP to RESTful technology.
* Responsible for maintaining and expanding **AWS** (Cloud Services) infrastructure using **AWS** Stack especially worked with database setup and maintenance on **AWS EC2.**
* Conducted detailed analysis based on comprehensive requirement documents, ensuring thorough understanding and alignment with project goals.
* Integrated **Kubernetes** with **CI/CD** pipelines, automating the deployment and release processes for improved efficiency and reliability, showcasing a commitment to modern DevOps practices for streamlined development workflows.
* Applied expertise in the serialization and deserialization of data using **JSON** within applications.
* Utilized **Spring MVC** for the web module, contributing to the design and development of new Action classes that effectively interacted with business logic.
* Implemented **microservices** using **Spring Framework** and **Hibernate**, optimizing code efficiency and ensuring maintainability in a distributed environment.
* Implemented clustering and load balancing features in **WebLogic** Server to enhance system reliability, scalability, and fault tolerance.
* Employed **Spring Framework** for LOC, AOP, and DAO layer design patterns, ensuring efficient and maintainable code.
* Implemented Hibernate as an **ORM**, mapping Java classes to database tables for optimal data management.
* Developed business logic components using **POJOs**, ensuring modularity and maintainability.
* Created adapter classes to establish a layer over existing code, enhancing code abstraction and readability.
* Transformed, navigated, and formatted **XML** documents using **XSL**, **XSLT**, **XPath**, and **XSL-FO** for effective data processing.
* Pioneered the development and implementation of **Angular** 4/5 forms for user input, emphasizing modularity and scalability while staying abreast of the latest Angular and Java advancements.

**Environment:** Java 8, Java 11, JavaScript, Core java, Spring, Spring boot, Microservices, CI/CD Pipelines, BDD, JDBC, JSP, JSTL, RMI, APPLETS, AWT, Restful API, SOAP, JAX WS Apache axis, XSD, NO SQL, Mongo DB, Apache Kafka, WebLogic, Agile with Scrum, Jasmin and Karma, JUnit and Mockito, Cypress, GIT, GitLab and GitHub, Maven, Eclipse, Windows, AWS, Dockers, Kubernetes, Jenkins, AWS EC2, AWS ECS, AWS S3, AWS RDS, AWS Lambda, Mongo DB compass(), OAuth, Microsoft Teams, Jira, Slf4J, Cloud Watch, Sonar lint, Insomnia, Swagger, HTML, CSS, Hibernate

**Dew Softech Inc. - New York, NY. Sep 2017 to Oct 2018**

**Full stack Developer**

**Responsibilities**:

* Analyzed business requirements, created use cases, and developed interaction/package/sequence and class diagrams for the Web Components Framework.
* Integrated Media One with client services, Ad networks, and third-party reporting tools using SPRING REMOTING and Web-services.
* Consumed Client services by utilizing SPRING REMOTING and Web-services, incorporating Velocity templates for dynamic UI rendering across different screen sizes.
* Having solid understanding of Java 8 features such as **Lambda, Functional Interfaces, Streams - Parallel processing, Aggregations, Optional keyword, and Java time API.**
* Implemented MVC architecture within the **Media One** **framework**, enhancing the design for Middle Tier Development.
* Utilized Google **Big Query** to enhance analytics capabilities in the Media One application, enabling scalable and efficient processing of large datasets. Integrated seamlessly for advanced reporting, contributing to data-driven insights and optimizations.
* Configured and optimized **WebLogic Server** as the application server for the Media One framework, ensuring seamless deployment and efficient runtime performance.
* Designed and developed **JCS** object caching to optimize system performance and response time.
* Developed business classes using Spring **IOC** and **AOP** features for the Media One application.
* Utilized Hibernate persistence framework to build the **DAO** layer of **Media One.**
* Implemented **ANT** as a build system with Cruise Control for automatic builds in Development Environment and **QA**.
* Used XML for data and message exchange over **HTTP**.
* Tracked issues using **JIRA**.
* Implemented Docker-based **CI/CD** pipelines to automate the build, test, and deployment processes, fostering a more reliable and efficient development workflow.
* Implemented Log4J logging framework for logging messages at various levels throughout the Java code.
* Performed **Java/JEE** coding using Eclipse IDE with MyEclipse plug-in.
* Created **TypeScript** reusable components and services for consuming **REST APIs** with **AngularJS**.
* Trimmed the JBoss **EAP** to create a slim version of the Application Server and secured the JBoss application server.
* Worked on AngularJS, consuming RESTful web services, and implemented Template Driven forms and Modern Driven (Reactive) forms for form validations on both server and client sides.
* Implemented Microservices based on Restful API using **Spring Boot** with Spring **MVC**.
* Developed cross-browser compatible web pages using **jQuery**, **HTML5**, **CSS3**, **Responsive Web Design**, **Bootstrap**, and **AngularJS**.

**Environment**: Java 8, JavaScript, Core java, Spring, Spring boot, CI/CD Pipelines, Angular-5, TDD, Hibernate, JSP, RMI, AWT, Restful API, SOAP, JAX WS Apache axis, XSD, MY SQL, Oracle DB, React, ReactJS, JMS, WebLogic, Agile with Kanban, Cucumber, JUnit and Mockito, Cypress, GIT, GitLab and GitHub, Maven, Eclipse, LINUX, GCP, Dockers, Jenkins, MYSQL workbench, Microsoft Teams, ASANA, Slf4J, Postman, Big Query, HTML, CSS.

**Spectrum - Los Angeles, CA. June 2015 to Aug 2017**

**Java Developer**

**Responsibilities**:

* Spearheaded the development and implementation of Java applications using **Java 8**, **Core Java**, and **JavaScript**, ensuring robust and efficient code.
* Led the design and construction of **Spring** and **Spring Boot applications**, contributing to the scalability and maintainability of the systems.
* Implemented Behavior-Driven Development (**BDD**) practices, leveraging tools like **Cucumber**, **JUnit**, and **Mockito** for effective testing and quality assurance.
* Managed database operations, utilizing **JDBC** for **MySQL** and **DB2**, optimizing data access and storage procedures.
* Developed dynamic web pages by utilizing **JSTL**, **Applets**, and **AWT**, enhancing the user interface and overall user experience.
* Established and maintained Restful APIs, ensuring seamless communication between different components of the system.
* Employed **IBM WebSphere** for application deployment and management, contributing to a reliable and efficient runtime environment.
* Collaborated with cross-functional teams in the **Waterfall** development model, ensuring alignment with project timelines and milestones.
* Utilized **JMS** (Java Message Service) for reliable and asynchronous communication between distributed components.
* Implemented and maintained containerized applications using **Kubernetes** on the **Azure cloud platform**.
* Automated build processes and managed dependencies using tools like **Gradle** and **STS** (Spring Tool Suite).
* Orchestrated **CI/CD pipelines** with **Jenkins**, streamlining the deployment process and ensuring timely releases.
* Collaborated with database administrators using **MySQL** Workbench for efficient database design, development, and maintenance.
* Enhanced application security by implementing **SSL/TLS** protocols and encryption measures.
* Developed and maintained web pages with **HTML** and **CSS**, ensuring a responsive and visually appealing user interface.

**Environment**: Java 8, JavaScript, Core java, Spring, Spring boot, BDD, JDBC, JSTL, APPLETS, AWT, Restful API, MY SQL, DB2, JMS, IBM Web Sphere, Waterfall, Cucumber, JUnit and Mockito, Cypress, CVN, Gradle, STS, UNIX, Azure, Kubernetes, Jenkins, MYSQL workbench, SSL/TLS, Microsoft Teams, ASANA, HTML, CSS, Hibernate

**Nationwide, Columbus, OH. Apr 2013 to May 2015**

**Java Developer**

**Responsibilities:**

* Developed and maintained Java applications using **Java 8** and **Core Java**.
* Implemented **Restful APIs** for seamless communication between different components.
* Utilized **Hibernate** for efficient object-relational mapping in database interactions.
* Integrated **RabbitMQ** for efficient message queuing and communication.
* Followed **Waterfall** methodology for structured and phased software development.
* Implemented **Cucumber** for automated testing and behavior-driven development.
* Administered and monitored Oracle **WebLogic** Server instances, ensuring optimal performance and availability of deployed applications.
* Employed **Selenium** for automated testing of web applications.
* Deployed Java EE applications to Oracle **WebLogic** Server, leveraging its robust and scalable platform to meet enterprise-level requirements.
* Managed version control using **CVS** for source code.
* Utilized **Gradle** for building, testing, and deploying Java projects.
* Implemented **SSL/TLS** for secure communication between applications and servers.
* Worked on **LINUX** platforms for application deployment and maintenance.
* Utilized **Azure** cloud services for scalable and reliable application hosting.
* Implemented continuous integration and deployment using **Jenkins**.
* Managed databases using **MySQL** Workbench for designing, modeling, and administration.

**Environment**: Java, JSP, Servlets, HTML, DHTML, Solaris, JavaScript, Eclipse IDE, Web Logic, Oracle8i, PL SQL, CVS. Java 8, JavaScript, Core java C Language, Servlets, BDD, Hibernate, RMI, Restful API, MY SQL, DB2, RabbitMQ, Waterfall, Cucumber, selenium, CVS, Gradle, visual studio, LINUX, Azure, Jenkins, MYSQL workbench, SSL/TLS, Microsoft Teams, ASANA, HTML, CSS

**Education**

* Completed master’s in computer science from UNT, Denton, TX.