**Vidhya Chenji**

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**Full Stack Java Developer**

**PROFESSIONAL SUMMARY**:

* **10+ years** of experience in Web Application Design, Web Service Development, Programming, Testing, Support Maintenance, and End-User support using **Java/J2EE** technologies.
* Experience and Knowledge of all phases of Software development life cycle (**SDLC**), which includes User Interaction, Business Analysis and Modeling, Design/Architecture, Development, Integration, Documentation, Coding, Testing, Deployment and developing applications using **Waterfall.**
* Proficient in developing front-end systems like Client-side validations with **JavaScript, TypeScript, Ajax, Bootstrap, HTML, CSS** and **JavaScript** frameworks such as **JS**.
* Designed and developed the application using Angular 12 framework along with **HTML5, CSS3, Type Script, Java Script, Bootstrap, Node.js, NPM.**
* Developed applications using **Java**/**J2EE** and frameworks such as **spring, Node JS, Spring MVC, Spring Boot, Restful API, SOAP, Security/JWT/OAuth2, DATA JPA** and **Hibernate**.
* Excellent knowledge on **Java 11/8/7/5** concepts like **Streams**, **Lambda Expressions**, **Method References** etc. and developed **MVC** based **portlets** using **Life ray** and migrated existing **portlets** from **Life ray** 6.1 to **Life ray** 7.1.
* Creating REST web services to publish ML models - business function and earnings code prediction models via API as predictive analytic service using Java 11 and python.
* Developed web-based controllers using Java, J2EE, Web services (REST), MVC 4.0/5.0 framework (Spring MVC 2.5.2), and MySQL.
* Knowledge of Azure resources and Azure DevOps for managing Azure cloud storage.
* Hands on Experience on MVC Framework and Hibernate 7.1/7.2 to connect with backend database for large based enterprise Applications.
* Expertise in open-source frameworks like **Struts** 2.0, **spring** 4/5 (**IOC**, **JDBC**, **AOP**, and **LDAP), Web services, Hibernate,** **JAXB**, **AXIS**-2, **JAAS** (Java Authorization and Authentication System), **JUNIT etc.**
* Expertise in creating web applications using **HTML**/**HTML5**, **CSS**/**CSS3** (**SASS**, **LESS**), **Bootstrap**, **JavaScript** (**ES5**), J Query, **Angular JS**, **Angular 12/8/7, AJAX,** and **JSON**, **Node**.**js**, and **React JS**.
* Experience in core Java-Multithreading, collections, and JDBC.
* Hands on experience with **Kubernetes**, **Jenkins**, and **Docker** using experience with **Mongo DB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **No SQL** databases like **Mongo DB**.
* Experience in Continuous Integration tools such **Jenkins** and Bamboo and Experience with **CI/CD** tools (**Jenkins**, **GitLab**, **and Ansible**) on various **Python** packages such as **Pandas**, **NumPy**, **Scikit Learn**, **Matplotlib**, **SciPy**, **and PyTables**.
* Experience of designing and architecting server-less applications using **AWS** **lambda** **API** **Gateway**, **Dynamo DB** and Security Token Service (**STS**).
* Experience in working with messaging services like **Kafka** and **RESTAPI’s** to pull and push Metadata from **Apache Atlas** using **Java** Connectors.
* Implemented **Amazon Connect** to streamline customer service operations and improve scalability.Designed and managed contact flows using Amazon Connect’s drag-and-drop interface. Managed costs effectively through Amazon Connect’s pay-as-you-go pricing model.
* Knowledge on using **AWS AI services** (e.g., Amazon Lex, Polly) and natural language processing.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | C, C++, Java 11/8/7/5, J2EE, Python 3.6.0, PL/SQL |
| **Web Services** | JAX-WS (SOAP), JAX-RS (REST, REST API), PCF, WSDL. |
| **Web/Application Servers** | Apache Tomcat 6.0, Kafka, IBM Web Sphere 8, Oracle Web Logic, J Boss 4.0. |
| **IDE** | Eclipse, My Eclipse, Edit Plus, Net Beans 7.0, Visual Studios. |
| **Design Methodologies** | Agile, Scrum, UML, J2EE Design Patterns. |
| **Application Frameworks** | Struts 1.x/2.x, Spring 4/5, Spring Core, Spring MVC, Spring Boot, Spring Security, Spring Batch, Spring ORM. |
| **UML tools/ Build tools** | Apache ANT, Maven, Jenkins, J Unit, Jira, Dream viewer, Docker, Rational Rose, Google cloud, CI/CD, PCF, Kubernetes, UML, Selenium. |
| **Web Technologies** |  HTML5, CSS3, JavaScript, j Query, AJAX, Angular 12/8/7, Angular JS, Node JS, Bootstrap, JSON, TypeScript, React JS |
| **XML** | XML, DTD, XSL, XSLT, XHTML, XML Schema and DOM Parsers. |
| **AWS** | EC2, RDS, S3, ELB. |
| **J2EE Technologies** | Servlets, Struts, EJB 2.0, JSF, JDBC, JSTL, JNDI, JMS, RMI, Java Bean, JTA. |
| **Version Control** | IBM Clear Case 7.0, 7.1, SVN, CVS, Git. |
| **ORM Framework**  | Hibernate, JPA, DAO. |
| **Databases** | Oracle 9i/10g/11g/12c, SQL Server, MySQL, Mongo DB, SQL server2012/2014 |

**PROFESSIONAL EXPERIENCE:**

**Walmart – Sunnyvale, CA**

**[Lead Full Stack Java Developer]**

**Description:** Unified Promise (a.m. UP) is an orchestrator for fulfillment information such as promise dates, slots, ship price, inventory and eligibility. Cart, Checkout, Buy Now and Amend applications call UP with offers/items and destinations (customer address and stores) to get this fulfillment information. UP in turn orchestrates with other services to get this fulfillment information, aggregate it, run some business rules and respond to its callers.

**Project: 1 (Walmart international cart and checkout) Mar 2023 – Till Date**

**Responsibilities:**

* Built scalable and maintainable enterprise applications using **Spring Boot**, enhancing productivity with rapid application development features.
* Developed backend services using **Spring Boot**, integrating with databases via **Hibernate ORM** for robust data management.
* Implemented **RESTful web services** using **Spring Boot** and **Apache Kafka** for seamless data communication and integration.
* Integrated Core Java applications with web technologies and frameworks to facilitate seamless data exchange and user interaction.
* Developed code to test end-to-end scenarios for database validation, ensuring data integrity and application reliability.
* Experience in Confidential Azure Cloud Computing development and support.
* Worked with React.js Virtual DOM and React views, rendering using components.
* Implemented various screens for the front end using React.js and various predefined components from NPM (Node Package Manager), bower and redux library for Dependency management.
* Utilized various Core Java concepts such as multi-threading, exception handling, and collection APIs to implement diverse features and enhancements.
* Designed and executed CRUD operations with Hibernate, leveraging session management and HQL for seamless data manipulation.
* Implemented **Elasticsearch** for fast and accurate full-text search capabilities, optimizing indexing and search queries for high-performance data retrieval.
* Utilized **Spring's** dependency injection and AOP capabilities to create loosely coupled components, enhancing code modularity and testability.
* Managed **Kafka** topics and partitions to ensure efficient data distribution and load balancing across clusters.
* Engaged actively in the **Stack Overflow** community, contributing high-quality answers to technical questions related to **Java**, **Spring**, and database technologies, earning a reputation for reliability and expertise.
* Used **Express.js** to connect **Node.js** and **Kafka** to **MongoDB** databases, designing schemas to optimize performance.
* Configured **RabbitMQ** queues and exchanges, ensuring message durability, high availability, and effective routing strategies for various application requirements.
* Designed and tested fault-tolerant architectures with **RabbitMQ**, incorporating strategies for seamless failover and message recovery in case of node failures or network issues.
* Deployed and managed **NoSQL** databases such as **MongoDB** and **Cassandra** to handle unstructured data, providing scalable solutions with flexible schema designs.
* Conducted performance tuning for both SQL and NoSQL databases, identifying bottlenecks, optimizing indexing strategies, and refining queries to improve application responsiveness.
* Managed database clusters in production environments, including setup, maintenance, and monitoring of Cassandra and MongoDB clusters to ensure high availability and fault tolerance.
* Worked with Azure Cosmos DB and Cassandra for database management in a Microservices architecture, ensuring optimal data handling and reliability.
* Improved database performance with caching strategies like first-level and second-level caching, reducing database access times.
* MFA (Micro frontend Architecture), Web pack bundler, Babel transpiler
* Developing Micro Services leveraging in an Azure cloud environment.
* Performed functional tests using testing frameworks with data-driven approaches, generating Extent reports for comprehensive test case execution summaries.
* Automated and developed test cases for various testing approaches, enhancing software quality and reducing manual testing efforts.
* Developed test scripts for validating files and databases using **Java** frameworks, ensuring data accuracy and consistency.
* Converted business requirements and design documentation into actionable test cases and test scripts, improving test coverage and efficiency.
* Performed **API testing** using **POSTMAN** and **SWAGGER** to manually verify request and response accuracy of web services.
* Developed and maintained **API automation scripts** for the Mexico Walmart web portal, improving efficiency and reliability of test processes.
* Used **Maven** for build management, **Git** as a source repository, and **Jenkins** for continuous integration of builds, ensuring consistent and reliable deployments.
* Worked with **Docker** for containerization, integrating it into end-to-end automation of builds and deployments to streamline development workflows.

**Environment:** Maven, Azure-cosmos DB, Cassandra, React.js, Kafka, Spring, Testing Framework, Hibernates, JIRA, AWS, Confluence, Postman, KTLO, Docker

**Project: 2 (Unified Promise) Apr 2022 – Feb 2023**

**Responsibilities:**

* Designed and developed the **REST** based **Microservices** using the **Spring boot** presentation layer code, using **JSP**, **HTML**, **AJAX** and **j Query**.
* hooks, redux,
* Design, develop **&amp;** deliver the **REST** **APIs** that are necessary to support new feature development and enhancements in an agile environment.
* Developed the project using industry standard design patterns like **Singleton**, Business Delegate Factory Pattern for better maintenance of code and re-usability
* Utilized Elastic search for log analysis and real-time data monitoring, creating dashboards in Kibana to visualize trends, detect anomalies, and gain actionable insights from large datasets.
* Developing application module coded on Spring Batch and Apache Camel the Business layer using spring (IOC, AOP), DTO, and JTA.
* Managing Product development / implementation using Azure cloud infrastructure.
* Developed unit test cases using J unit framework for testing accuracy of code and logging with SLF4j +Log4j the Persistence layer DAO using hibernate.
* Integrated RabbitMQ with Java applications, leveraging Spring AMQP for streamlined message handling and processing workflows within Microservices architectures.
* Designed and executed batch processing jobs with Spring Batch for handling large data volumes and complex data transformations.
* Used React Router to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
* Assessment of existing applications for AWS and Azure cloud migration
* Handled transaction management with Hibernate, ensuring data integrity and consistency during complex data operations.
* Writing end-to-end flow i.e. controllers’ classes, service classes, DAOs classes as per the Spring Boot design and writing business logics using core java API and data structures.
* Used Java 11 concepts like Swing, socket programming, Collections, Multithreading, Event handling, Exception handling and **Generics**.
* Implemented the application using Spring Boot-based services interacting through a combination of other **REST** APIs and Kafka message topics.
* Conducted performance tuning for both SQL and NoSQL databases, identifying bottlenecks, indexing strategies, and optimizing queries to improve application responsiveness.
* Developed real-time data streaming applications using Apache Kafka to process and analyze large data volumes efficiently.
* Performed Unit testing on applications using tools Mocha and Chai to test React JS components.
* Worked with security team to make sure Azure data is highly secure and configured BGP routes to enable Express Route connections between on premise data centers and Azure cloud.
* Experience with querying on data present in Cassandra cluster using CQL and importing data from various sources to Cassandra cluster with the help of Java API’s.
* Worked on Mongo **DB** concepts such as locking, transactions, indexes, replications, schema design expertise in the implementation of Core concepts of **Java 11**, **J2EE** Technologies: JSP, Servlets, JSF, JSTL, EJB
* Implemented **Angular 12** services to connect the web application to back-end APIs **SOAP, Rest, Rest API** web services to exchange the data with backend application
* Used **Spring** **JMS** related **MDB** to receive the messages from other team with  for queuing worked with Open symphony workflows and delivered workflow module to the client.
* Created **groovy** scripts to extract transaction volume information and email to management on daily basis worked with defect tracking system Clear Quest responsible for code sanity in integration stream used Clear Case as version control tool.
* Involved in debugging and tuning the **PL**/**SQL** code, tuning queries, optimization for the **Oracle** database using Explain Plan, hints and also worked on Partition tables using Range method.

**Environment:** Java 11, Spring, Spring Boot, Hibernate, Angular 12, SOAP, REST, REST API, JavaScript, J Query, Microservices, Web Logic, GitHub, J Unit, Bootstrap,React.js, Agile, Dash Board, UML, JSP, JSTL, Maven, CSS, JSON, Mantis, j Query.

**Santander-Remote Apr 2020 – Apr 2022**

**[Full Stack Java Developer]**

**Description:** Santander Bank goes for our customers, our communities, our employees, and our future employees that’s why we treat people and their money with respect is in everything recruiting people like you want to strive to help people prosper with competitive compensation and market-leading benefits have access to comprehensive career development programs that empower you to grow and advance.

**Responsibilities:**

* Designing, developed and implemented unit tests and product features developed business components using **Java** Objects, **Core** **Java**, Multithreading and Collections.
* Configuring **Java 8** objects with backend database tables using **ORM** mapping in **Hibernate** end to end application on **Spring Boot** framework (**Rest Api** Application/**Spring JP** Using Crud repository).
* Understanding user change requirements and analyzing the source systems and Developed **UI** pages using JSP **&amp**; **Spring** **Boot** framework validations are done using **Spring** **Boot** validation framework and **JavaScript**, Graph QL.
* Developed User Interface using the HTML5, CSS3, JavaScript, Bootstrap and ReactJS.
* Implementing **CI/CD** pipeline as code using **Jenkins 2.60.3** and Developed build and deployment scripts using **MAVEN** as build tool, and integrated **selenium in Jenkins 2.60.3** to perform the **automated integration test**.
* Working on **Angular 8, framework** to augment browser-based applications with **Boot** Capability, built dynamically generated dropdown lists using **Ajax**, **j Query**.
* Involved in using Core Java concepts such as **OOP, OOA, OOD**, Collections, Exception Handling, Multithreading, Concurrency, Serialization, and Java 1.8 features.
* Installing, configured and hosted the Tomcat app servers and MySQL database servers on physical servers (Linux, Windows), and Amazon AWS virtual servers (Linux).
* Developing **REST full** Web Services to retrieve data from client side using **MicroServices** architecture of **spring boot** application with **MicroServices** performing the Unit testing and basic functional testing with different set of data.
* Integrating with **Spring** Cloud Netflix’s components like Eureka (Service Discovery), Hystrix (Circuit Breaker), Ribbon (Client-Side Load Balancing) and Zulu Proxy.
* Leveraged Stack Overflow to share knowledge with peers and mentees, providing guidance on best practices and innovative solutions for common development challenges.
* Proficient in working with various technologies like **Java**, **Java** Beans, **J2EE** (JSP, JSF, Servlets, EJB), **Spring 5**, **Hibernate**, **MicroServices**, **Spring Boot**, **Spring Cloud**, Ajax, J Query, JMS, JDBC, XML, JAAS, JAX-WS/JAX-RPC, Web Services, LDAP and Design Patterns.
* Using **Kafka** on publish-subscribe messaging as a distributed commit log, have experienced in its fast and **Python** and Scalable created User defined exception classes using **Java** and building **SOAP, Rest** and **Rest API**.
* Extensively used **Hibernate** in data access layer to access and updates in the database used **Docker** to containerize the Services and **APIs** to run on **AWS** **EC2** instances.
* Responsible for provisioning environment and deploying the dockerized applications by developing manifests **JIRA** for tracking the activities, Tasks and defects of Ehcache as a second level cache in the **DAO** layer for **Hibernate**.
* Working on data preprocessing, cleaning and publishing data to **Apache** **Kafka** topics writing **Java 8** classes, reusable components and **Java** **Beans** for getting data from **oracle** tables.
* Participating in a **Scrum** team and Agile Practices including Test-Driven Development (**TDD**), Behavior-Driven Development (**BDD**) and pair programming.
* Creating **MySQL** and other service instances to bind the deployed application in **Pivotal Cloud Foundry (PCF)** andused Maven build script for building and deploying the application and designing new database tables for the enhancements.
* Developing the **java** code using **Eclipse** as **IDE** backend services in **Java** and **Groovy** strong experience in implementing Service oriented architecture and Web Services using **SOAP**, **RESTFUL** **API’s**.
* Responsible for building/deploying consistently repeatable build/deployments to company non-production environments using **JENKINS** **&** BUILD Pipelines.
* Worked extensively on **Angular 8/ Typescript** SPA domains.
* Enhanced legacy application by building new components in **Angular 8** and **typescript.**
* Experience in handling messaging services using **Apache** **Kafka** implemented **MicroServices** architecture to make application smaller and independent **REST** web services using **Jersey** with the enabled **OAUTH**.
* Maintaining, structured, and surveyed documents within the **No SQL** **Mongo DB** database; ensuring data integrity, correcting anomalies, and increasing the overall maintainability of the **database**.
* Extensively user **AWS** lambda, Cloud Front, Cloud Watch, S3 and DynamoDB

**Environment:** Java 8, J2EE, Spring 5.0, Spring Boot, SOAP, Hibernate, MicroServices, REST, REST API, CSS3, XML, Angular 8, PL/SQL, CI/CD, Python, AWS1.3.580, PCF, Node JS, TypeScript, Apache Kafka2.5.0, JAX-RS, JUnit4.13x, Mockito.

**EBay - San Jose, CA Jan 2019 – Mar 2020**

**[Java/J2EE Developer]**

**Description:** EBay Inc global commerce leader that connects millions of buyers and sellers around the world exist to enable economic opportunity for individuals, entrepreneurs, businesses and organizations portfolio of brands includes eBay Marketplace and eBay Classifieds Group sellers the ability to grow a business with little barrier to entry regardless of size, background or geographic location.

**Responsibilities:**

* Worked as **Java 7** Developer in developing two different web-based applications and followed **Test-Driven Development (TDD)** and **Agile** methodology.
* Developed Interactive web pages using **HTML5, CSS3 and JavaScript.** Develop various screens for the front end using **Angular 7** and used various predefined components.
* Implemented the single page web application based front end for displaying user requests, user records history and security settings various users using **Java** and **Angular 7.**
* Developed application is built **Micro Service Oriented Architecture** using **MEAN (Mongo DB, Express Angular 7)** stack and developed **Single Page Applications (SPA).**
* Implemented **Angular 7** services to connect the web application to **back-end APIs** and Used **MicroServices** with **Spring Boot** through a combination of **REST** and **Apache Kafka.**
* Used core Java concepts like Collections, Generics, Exception handling, IO, Multithreading, and Concurrency to develop business logic.
* Use of **OOPs** concept and other core Java concepts like multithreading/ concurrent, inheritance in the development
* Defined and constructed layers, server-side objects and client-side interfaces based on **J2EE design** patterns used **Spring4**, **annotations, and Boot** to implement business layer and navigation part of application,
* Implemented persistence layer using **Hibernate**7.1 that uses POJOs to represent DB tuples **business logic** at Server side in **Core Java**, and **Java2EE Architecture**.
* Made the integration of data in several applications in favor **JSON** documents with dynamic schemas using **Mongo DB** (**No SQL**) database.
* Developed web-based controllers using **Java, J2EE, Web Services (REST), Boot** framework (**Spring Boot**), and **MySQL.**
* Developed **MicroServices** with **Spring Boot** to retrieve API routes and Implemented **Spring Circuit** pattern, integrated **Hystrix** dashboard to monitor **spring, MicroServices.**
* Developed **REST web service using Jersey** which produces **both XML and JSON** to perform tasks, leveraged by both web and mobile applications. **REST API** using Jersey for **JAX-RS** implementation.
* Used **Shell script**, Git as version control, **Maven** for artifact build, **Log4j** as logging framework and **Jenkins** as **CI/CD tool**.
* Experience working on **Docker Hub**, creating **Docker images** and handling multiple images primarily for middleware installations and domain configurations.
* Security vulnerability fixes on server by setting up Big-Fix, Carbon-Black, Flex-era on cloud VM, Configuring firewall settings in **Google cloud platform.**
* Created tables and worked on **MySQL** and **PL/SQL** to write functions and packages for complex Inserts and updates in the database.
* Experience with containerization technologies, including **Docker, Kubernetes,** or **Rancher.** Well versed with **Open Stack** based cloud infrastructure.
* Implemented AWS solutions using **EC2**, **S3**, **RDS**, **EBS**, **Elastic Load Balancer**, **Auto**-**scaling** groups and used AWSSDK to connect with **Amazon SQS** for bulk email processing
* Developed entire **frontend** and **backend** modules using **Python** on **Django** Web Framework and Worked on designing, coding and developing the application in **Python** using **Django Boot**.
* Developed tools using **Python**, **Shell scripting**, **XML** to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
* Used version control repository **GIT** and **JIRA** for issue tracking in deploying applications in **Tomcat** server specific formats with Excel macros and **Python** libraries.
* Designed and developed a horizontally scalable **APIs** using **Python Flask** created a Handler function in **Python** using **AWS Lambda** that can invoke when the service is executed.
* Developed test cases and performed unit testing using **JUNIT** Test cases **UI** for Functional Testing, Performance Testing, and Regression Testing and to test **REST & SOAP**.

**Environment:** Java 7, J2EE, Spring 4.0, Spring Boot, SOAP, Hibernate, MicroServices, REST, REST API, CSS3, XML, Angular 7, PL/SQL2.3, Mongo DB, Python, Kubernetes, Google Cloud, Node JS, Apache, Docker19.03.12, JAX-RS, JUnit4.13x, Mockito.

**US Cellular - Chicago, IL Nov 2017 - Dec 2018**

**[Java Developer]**

**Description:** US Cellular is a leading company in providing the wireless services to the mobile platform. One message is the system that Us Cellular uses to send communications to its customers. One message is the Enterprise-Wide application for all transactional customer communications. The application supports all Email, SMS, EMS, and MMS communications for various organizations in Us Cellular One message stores customer notification preference in the preference center where customer can configure various notification types.

**Responsibilities:**

* Designed and developed the **REST** based **MicroServices** using the **Spring MVC** presentation layer code, using **JSP**, **HTML**, **AJAX** and **j Query**.
* Design, develop **&** deliver the **REST** **APIs** that are necessary to support new feature development and enhancements in an agile environment.
* Developed the project using industry standard design patterns like **Singleton**, Business Delegate Factory Pattern for better maintenance of code and re-usability
* Developing application module coded on **Spring** Batch and **Apache** Camel the Business layer using spring (**IOC**, **AOP**), **DTO**, and **JTA**.
* Developed unit test cases using J unit framework for testing accuracy of code and logging with **SLF4j** +**Log4j** the Persistence layer **DAO** using **HIBERNATE**.
* Writing end-to-end flow i.e. controllers’ classes, service classes, DAOs classes as per the **Spring MVC** design and writing business logics using **core** **java** **API** and data structures.
* Used **Java 5** concepts like **Swing**, **socket** programming, Collections, Multithreading, Event handling, Exception handling and **Generics**.
* Worked on **Mongo DB** concepts such as locking, transactions, indexes, replications, schema design expertise in the implementation of Core concepts of **Java**, **J2EE** Technologies: JSP, Servlets, JSF, JSTL, EJB
* Implemented **Angular JS** services to connect the web application to back-end APIs **SOAP, Rest, Rest API** web services to exchange the data with backend application
* Worked with React JS to build Bootstrap components for responsive UI Objects and linked with API data to view render the virtual DOM dynamically.
* Used **Spring** **JMS** related **MDB** to receive the messages from other team with  for queuing worked with Open symphony workflows and delivered workflow module to the client.
* Involved in debugging and tuning the **PL**/**SQL** code, tuning queries, optimization for the Oracle database using Explain Plan, hints and also worked on Partition tables using Range method.
* Created **groovy** scripts to extract transaction volume information and email to management on daily basis worked with defect tracking system Clear Quest responsible for code sanity in integration stream used Clear Case as version control tool.

**Environment:** Java 5, J2EE, Spring, Spring MVC, Hibernate, Angular JS, SOAP, REST, REST API, JavaScript, J Query, MicroServices, Oracle, JDBC, Eclipse,React.js, Web Logic, CVS, J Unit, Bootstrap, Agile, Dash Board, UML, JSP, JSTL, Maven, CSS, JSON, Mantis, j Query.

**Analogics Tech India LTD – India Jul 2010 – Sep 2013**

**[Software Developer]**

**Description:** Analogics Tech Indialeading manufacturer of Power Distribution Automation Products, Hand Held Computers, Solar Power Products and Wireless data communication technologieselectronic manufacturing company to supply hand held computers for meter billing and collection applications to the Power Utility sector in India. The commitment towards meeting evolving customer needs and achieving utmost satisfaction, has led to the development of new products and solutions

**Responsibilities:**

* Designed, developed and validated User Interface using **HTML**, **JavaScript**, and **CSS** widely used **HTML** for web-based design.
* Used **JavaScript** to make the changes dynamically on the client page to improve the performance by decreasing the number of hits to the server.
* Extensively used the **J2EE design patterns** like **Session Façade**, Business Object (**BO**), Service Locator, Data Transfer Object (**DTO**) and Data Access Object (**DAO**), Singleton, Factory.
* Involved in **design, development, testing** and **implementation** of the process systems, working on iterative life cycles business requirements, and creating Detail Design Document.
* Worked extensively to achieve **DOM Show, Hide elements** and **Event Handling** and also used **Spring MVC** and **Dependency Injection** for handling presentation and business logic.
* To maintain loose coupling between layers published the business layer as services and injected necessary dependent components using **Spring IOC** and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP.**
* Implemented **Restful** web services using **JAX-RS** annotations, **Jersey** as provider and implemented security using **OAuth.**
* Extensively used **JSON** to parse the data from server side to satisfy the business requirement integrated **spring and Hibernate** together and worked on developing backend components and services using Hibernate and spring.
* Consumed **Web Services** to interact with other external interfaces in order to exchange the data in different forms by using **Rest API** service.
* Implemented **SOA** architecture with **Web Services** using **SOAP, WSDL, UDDI** and **XML** using **Apache CXF framework** and worked on parsing the **XML** files using **DOM/SAX** parsers.
* Created **tables, triggers, PL/SQL Stored Procedures, SQL queries, Joins, integrity constraints** and **views** for **IBM DB2.**
* Used **Multithreading** in programming to improve overall performance using **Singleton** design pattern in **Hibernate** Utility class in **Unit Testing** of various modules by generating the **Test Cases p**erformed deployment of applications on **J Boss.**
* Involved in day to day handling of **JIRA** issues (production issues at time) that involved data inconsistencies that required to be solved in very less time.
* Worked with **IntelliJ** and used **Gradle** build tool to achieve more functionality for build process.

**Environment:** Java, J2EE, HTML, CSS, j Query, JavaScript, SOAP, JSON, XML, Spring MVC, Hibernate, REST, REST API, HQL, SQL, IBM, Web Logic Server, Oracle, JNDI, Maven, UML, JIRA, Tortoise SVN, LINUX, Log4J and Eclipse.

**EDUCATION:**

* Bachelors in Computer Science - Gokula Krishna College of Engineering, India – 2010