**SaiKrishna K**

[**GitHub**](https://github.com/saikrishnakovuru?tab=repositories)

**Professional Summary:**

* **9+ years** of Professional experience in Design, Development, Maintenance, and Implementation of Enterprise applications using **Java**, **J2EE, Spring, Spring Batch, Microservices Technologies.**
* Experience developing **Single Page Applications** using **Angular 2/8/14, Angular Universal, React and NodeJS** for efficient and dynamic user experience.
* A robust understanding of front-end technologies, Object-Oriented JavaScript, **AJAX, XHTML**, **HTML, XML/DOM**, **Node.js, Angular 7, React JS, JS-Based framework**.
* Experience working on Server-side development using **Java, J2EE, EJB, JMS, JNDI, JDBC, JDK 1.x** in Windows and Unix Environments.
* Working experience with Object-Oriented Analysis, Design, Development, and implementation of **Client/Server, Distributed, Internet** and **E-Commerce** applications using **Object Oriented Methodologies** and **RDBMS**.
* Design, develop and test **HTML**, **CSS**, **jQuery** and **React.JS, Redux** that meets accessibility of web browser.
* Good Knowledge and Hands-on experience in building Enterprise Applications and Distributed Systems using technologies such as **Core Java, Servlets, Mule ESB, JDBC, JSP, XML Spring JDBC, DAO, Spring Security (OAuth2, JWT) and Spring Web framework.**
* Experience working on **Microservice/Component**-based architecture providing a flexible and easily adaptive web services.
* Experience working on **CD/CI** pipelines for web applications and hosting them on cloud **AWS**, version controlling them using **GIT, Bitbucket, Jenkins, Shell scripting**.
* Experience implementing application, user and data security using **OAuth, JWT tokens**, Stateless Security for Web Services.
* Good knowledge of **Cloud Infrastructure** based server management on **AWS** using **EC2s, Security Groups, AMIs, VPCs, S3 Storages, Route 53**.
* Extensive experience in **Amazon Web Services (AWS)** cloud computing service it includes Amazon **EC2**, Amazon **S3**, Amazon **Lambda**, Amazon **RDS**, Amazon Elastic Load Balancing, Amazon **SQS**, AWS Identity and Access Management (**IAM**), AWS **CloudWatch**, Amazon **EBS** and Amazon **CloudFront**.
* Knowledge and very good experience in all the phases of the **Software Development Life Cycle** (SDLC).
* Good knowledge of Database design and development that involves **ER Modelling**, Relational database schema, Functional dependencies, **Normalization** of tables, populating tables using **SQL Loader (SQL-PLUS)**, writing queries using SQL, formatting results, and writing Triggers, **Stored Procedures (PL-SQL)** in Oracle.
* Good knowledge of development & integration of web services (**REST**) with web interfaces using **Angular** and **React frameworks**.
* Strong experience with **Grails, Groovy, Hibernate/GORM, Jenkins and Spring Framework**
* Good Working experience in **DOJO** toolkit modules.
* Expertise in **Object Oriented Design** and **Graphic UI Design** of Business Modules using **UML**, Use Cases, Sequence Diagrams.
* **Golang and Java** were used as a backend REST service while AngularJS was used for the user interface
* Experience in building CI/CD pipelines using Hudson, Bamboo, Jenkins, and TeamCity for end - to-end automation for all builds and deployments.
* Hands on experience using **Active MQ, Rabbit MQ** and **Kafka** to implement messaging and queuing requirements.
* Hands-on experience with **AWS SDs** in multiple programming languages sun as Python, Java, Nodejs, and C#. Strong understanding of **AWS Identity and Access Management (lAM)** and implementing access controls, roles, and permissions for **AWS services**.
* Hands on experience using **Selenium** and **Cucumber** for creating Automated Test Suites and deriving functional and acceptance tests.
* Experience in developing unit testing frameworks using **Junit** testing using **Mockito**.
* Proficient in log management and capturing runtime exceptions using **Log4J, SLF4J** framework and monitoring and tracing using **Splunk, Kafka, Zipkins and Grafana**.
* Experience in various Agile methodologies like Test Driven Development (TDD), SCRUM, and Pair Programming.

**TECHNICAL SKILLS**

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| --- | --- |
| **Languages** | Core Java, Java 1.x to 1.8, Groovy, SQL, PL/SQL, JavaScript, TypeScript, Python, Shell Script |
| **Tools & Framework** | Angular 4/6/7/9,Struts, Spring 4.x, Hibernate4/3, JPA, Spring MVC, Spring WebFlow, Spring WebFlux, JavaFX, Spring IOC, Spring AOP, AspectJ Introspection, Spring DAO, Spring Batch, Spring Integration, JPA, JSF, Log4J, Junit, SOAP UI, Gradle, Apache Ant and Apache Maven, Splunk, Grafana, Kafka, Rabbit |
| **Enterprise Java** | JSP, Servlet2.x, EJB 3.0/2.0, JNDI, JMS, Groovy, JDBC2.0/3.0, Log4J API, MDB, Angular, Node |
| **Web Technologies** | HTML, JavaScript, Typescript, Angular, React, CSS/SCSS, JQuery, XML/XAML |
| **Web Services** | JAX-WS, JAX-RPC, JAX-RS, Apache CXF, Axios. |
| **Scripting tools** | HTML, JavaScript, CSS, XML, JSP, Servlets, JQuery |
| **Mark-up/ XML Technologies** | HTML, HTML5, XHTML, JavaScript, CSS, AppML, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, JQuery, JSON, Xpath and XLink |
| **Operating Systems** | Linux, Unix, Windows 10/8/7/XP/95, MacOS |
| **Testing** | Junit, Mockito, Power Mock, Test NG, Karma, Protractor, Selenium, Cucumber, Mocha, Jasmine |
| **Application Servers** | Tomcat, Nginx, Web Logic, Jboss, Web Sphere |
| **Cloud Services** | AWS (EC2, Lambda, S3, SNS, CloudWatch, Cloud Formation Template, RDS, VPC, Auto Scaling, IAM), PCF, Docker |
| **Build Tools** | ANT, Maven, Gradle, NPM, Grunt, Gulp, Bower, Jenkins, Web pack. |
| **Databases** | PostgreSQL, MySQL, MS SQL Server, MongoDB, Oracle 12 /11g, SQL Server 2016, MySQL, IBM DB2 and PL/SQL procedures,Cassandra, PostgreSQL, Amazon RDS |
| **IDE & Other Tools** | VMWare, Eclipse, Visual Studio, winSCP, Putty, SSH Secure Shell Client, MS Office |
| **Development Tools** | Eclipse, My Eclipse 6.x/8.x, Netbeans IDE, IBM Web Sphere Rational Architect 7, Visual Studio Code, Jetbrains |
| **Version Control** | GIT, Bitbucket, SourceTree, CVS, Tortoise SVN |

**PROFESSIONAL EXPERIENCE**

**Client: JP Morgan Chase, NJ, Sep2023- Till date**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Designed and implemented **Spring Boot** as the backend infrastructure, seamlessly integrated with **Angular 2/8/14** for frontend development across various business domains.
* Developed web services (**REST API**) using **Spring, Spring Boot, REST Architecture**, used for storing and retrieving data using different **URIs** and **Http** methods.
* Experience in working with **RESTFUL Web Services** and implementing **RESTFUL API's.**
* Implemented comprehensive security measures to safeguard the REST APIs, leveraging **Spring Security**.
* Implemented Microservices for various domains and **API Gateway** using **Spring Cloud Gateway** for efficient routing and load balancing.
* Integrated **Spring Batch** for automated batch processing, optimizing data management workflows.
* Responsible for creating efficient design and developing User Interaction screens using **HML, CSS3, Bootstrap, JavaScript, Angular** and **Node JS**.
* Worked on integration & development of web services and web interfaces **using Spring, Angular 2/8/14** and **Reactive** frameworks. Worked on integration 3rd party modules for user dashboards.
* Worked with **JASMINE** in testing and Protractor for unit testing **Angular** modules.
* Involved in writing application-level code to interact with **APIs, Web Services using AJAX, JSON and XML.**
* Used**Spring Boot** for building application with **Spring initializers** and bootstrapping the build configuration and develop custom solutions that act upon **Jenkins** information in authentic time.
* Worked with **Spring data JPA** and **Hibernate** to perform all the data transactions from web services to **PostgreSQL** Database.
* Components from **NPM (Node Package Manager) and Redux library**.
* Involved in design and development of the front end for application using **HTML5, CSS3, SCSS**, **Bootstrap, Angular 2/8/14** frameworks and used reactive & template driven forms to associate **HTML** elements to model & provide dynamic user validations on client side.
* Good working experience in advanced **dojo** modules.
* Developed **SPAs** using **Angular, Angular Universal** to provide users with dynamic content loading features and better performance..
* Worked on setting up custom **exceptional handling** ways to manage and ease the **error handling** for the API consumers to efficiently manage the exceptions caused due to insufficient information on the requests.
* Work on setting up **CD/CI** pipelines for automated deployments on to multiple environments using **AWS, Jenkins**, **Shell Script**s.
* Designed and implemented CI/CD pipelines using OpenShift to automate the build, test, and deployment processes of applications.
* Configured and managed **OpenShift** clusters, including node provisioning, networking, and security configurations.
* Used **REST** and **SOAP** Web Services to consume information from external 3rd party API providers.
* Setup database functions and stored procedures as the part of jobs to manage transactions in Oracle Database.
* Implemented messages processing system using **Active MQ** for receiving & queueing the messages.
* Configured **Docker** setup locally to have unique environment across different layers of testing.
* Worked on **MongoDB** database concepts such as **locking, transactions, indexes, sharding, replication and schema design**.
* Guided testing team and helped them in developing **cucumber**-based automation test cases (ATDD) framework which we used to test our restful services.
* Demonstrated expertise in developing scalable and secure RESTful APIs using **AWS API Gateway** and **Lambda.**
* Experience in designing and implementing serverless applications using AWS Lambda, S3, DynamoDB, and other **AWS services**.
* Proficient in creating infrastructure as code using Aws loud Formation templates for deploying and managing **AWS resources**.
* Knowledgeable in implementing Continuous Integration and Continuous Deployment (CI/CD) pipelines using **AWS Code Pipeline, Code Ruild, and CodeReplox** Proficient in monitoring and logging **AWS API Gateway** and Lambda functions using

AWS CloudWatch.

* Skilled in implementing security controls for **AWS services** and compliance with industry standards such as **HIPAA** and **GDPR.**
* Developed **Golang software** to handle concurrent data collection and processing with goroutines and channels for a Wi-Fi device.
* Created PDF reports using **Golang and XML** documents to send it to all customers at the end of month with international language support.
* Developed **Golang API** and chat-bot using TDD to automate software deployments and rollbacks.
* Demonstrated ability to work collaboratively with cross-functional teams including product management, development, and quality assurance.
* Design and develop micro-components, microservices, and deploy on cloud platform AWS using an automated process through services like **Lambda, EC2, S3, Code Deploy, Code Pipeline, VPCs, Subnets and Security Groups**.
* Developed Android applications using **Kotlin,** leveraging the language's concise syntax and modern features.
* Collaborated with cross-functional teams to design and implement features, ensuring high-quality code and optimal performance.
* Utilized Kotlin's interoperability with Java to work on projects that required integration with existing Java codebases.
* Implemented reactive programming patterns using Kotlin Coroutines and RxJava to handle asynchronous operations and improve app responsiveness.
* Worked with Android Studio and the Android SDK to build, test, and debug Kotlin-based applications for deployment to the Google Play Store.
* Expanded Kotlin knowledge to backend development, utilizing **Kotlin with Spring Boot to build RESTful** APIs and microservices.
* Implemented **Kafka producer** and consumer applications on Kafka cluster setup with help of Zookeeper.
* Used Spring **Kafka API** calls to process the messages smoothly on **Kafka Cluster** setup.
* Used **JUnit** test cases (using **Mockito**) to test the application and performed random checks to analysis the portability, reliability, and flexibility of the project.
* Used **GitHub** Enterprise to push the code changes and for version control.

**Environment:** Java, J2EE, Angular 7/9, Spring MVC, Spring JPA, Spring Web, Spring REST, Spring,Spring WebFlux, Spring Security, JBoss, Groovy, Log4j, WebLogic, Kafka, Struts, HTML5, JDBC, Hibernate, Spring Boot 2.x, Tomcat, JUnit, Mockito , Mocha, Jasmine, Annotation, SOAP and RESTful Web Services, Oracle, MongoDB, Eclipse, Tomcat, Agile, Python, Jenkins, Docker, Cucumber, AWS Services, Maven/Gradle, Splunk, GitHub.

**Wellsky, Austin,TX Oct 2022 to Aug 2023**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Designed and developed User Interface, application modules using **Spring**, **Hibernate**, **JPA**, **HTML**, **CSS**, **JavaScript**, **AJAX**.
* Extensively worked with **Spring MVC** for developing **J2EE** Components.
* Used RestControllers in **Spring** framework to create **RESTful Web services** and **JSON** objects for communication.
* Use **Spring Security (OAuth2)** to control the Authentication and Authorization to access the resources.
* Developed security framework with support for database security and integration with external security data stores such as **LDAP**.
* Involved in Design, Development and Support phases of Software Development Life Cycle (**SDLC**)-**Agile (scrum)**.
* Developed dynamic responsive Web Application by integrating **Angular** with **Bootstrap** which is further integrated with **Web Services**.
* Managing and Monitoring the **JVM** performance by **Weblogic Heap Size, garbage collection, JDBC Pools.** Configured the Session Management i.e. Memory to Memory and Database replication on Weblogic Application server.
* Develop domain monitoring java class using **JMX** to collect **JDBC, JVM,**and Execute Queue statistics for Managed Servers.
* Developed Custom Tags to simplify the JSP code. Designed UI screens using **JSP, CSS, XML** and **HTML5**. Used JavaScript for client-side validation.
* Created **Groovy** domain classes to access database.
* Implemented framework to read data from excel using **groovy.**
* Implemented services in modelling analytics platform using Grails and **Groovy** to expose restful web services to get consumed by UI layer.
* Developed code for Responsive web design in JavaScript using frameworks like **Angular.js.**
* Used **redux-form** to manage form state in **redux.**
* Created reusable **Angular** components and managed application state with **Redux**.
* Used **Bootstrap** and **Angular** and **Node.js** in effective web design.
* Extensively used **JSTL** tags and Struts tag libraries. Used Struts tiles as well in the presentation tier.
* Closely worked with **Kafka** Admin team to set up **Kafka** cluster setup on the QA and Production environments.
* Involved in the JMS Connection Pool and the implementation of publish and subscribe using **Spring JMS**. Used JMS Template to consume messages from the JMS provider.
* Used **Maven** and **Gradle** scripts for build creation and to push onto various environments.
* Use **Spring JPA, Hibernate, Hikari** to establish and manage database connection pool and leaks, perform data transactions.
* Used **Hibernate**, object/relational-mapping (**ORM**) solution, technique of mapping data representation from **MVC** model to Oracle Relational data model with SQL-based schema.
* Used spring with **Hibernate** for relational mapping of the database.
* Used **PostgreSQL** as a database layer and using **Hibernate** and **Web Services** to perform data operations.
* Tested the application using **Selenium** automation testing on Linux/Unix server.
* Used **Gradle** as a build tool and **IVY** as a dependency tool. Used CVS version control for implementing the application.
* Use **Splunk** and **Grafana** to build monitoring, tracing and tracking dashboards.
* Worked with **Groovy/Grails** to support both static and dynamic typing as well as for operator overloading.
* Design and develop micro-components, microservices, and deploy on cloud platform AWS using an automated process through services like **Lambda, EC2, S3, Code Deploy, Code Pipeline, VPCs, Subnets and Security Groups**.
* Involved in writing the test cases for the application using **Junit** (using **Mockito**).
* Familiar with security best practices and able to implement in the current applications

**Environment:** Java 8, J2EE, Servlets, Kafka, JMS, Vue.js, Hibernate, Linux, SQL, Spring, Spring Boot 2.4, Spring REST, Spring Security, Spring Web, Spring WebFlux, Spring JPA, REST, UML, HTML5, Bootstrap, JavaScript, jQuery, Angular 7/9, Log4J, Oracle, PL/SQL, JUnit, JNDI, JIRA, Cucumber, Kafka, AWS Services, OpenShift, Oracle DB, Mongo DB, GIT, Gradle, Jenkins, Selenium, Rabbit MQ, Active MQ, Splunk.

**Client: CGI (Bangalore, India) Feb 2020 – July 2022**

**Role: Senior Software Engineer**

**Roles & Responsibilities**

* Involved in development of a critical web app adopted by government hospitals in Finland by defining project objectives and crafting a comprehensive development plan.
* Designed and developed the Omni360 application using Jakarta EE, integrating Java **Spring Boot**, and **Spring Web**, adhering to **SOLID** principles for a scalable and maintainable backend.
* Leveraged the best use of **Spring Boot** in the backend for efficient and robust server-side operations.
* Implemented various **microservices** that seamlessly interact with each other, facilitating the sharing of patient records among multiple modules within the system using **Spring Boot**.
* Implemented various **REST APIs** using Spring Boot, leveraging advanced features such as **HATEOAS** (Hypermedia as the Engine of Application State) to enhance the discoverability.
* Developed and implemented **GraphQL APIs** by designing schemas and types with corresponding resolvers, facilitating efficient and flexible data retrieval and manipulation.
* Implemented an **API Gateway** utilizing **Spring Cloud Gateway** to enhance routing and **load balancing** for optimized system performance.
* Utilized **Spring Security** to safeguard the microservices, enhancing overall system security.
* Utilized **Apache Kafka** as a message broker to enhance latency and ensure efficient communication within the microservices.
* Utilized **React** as frontend frameworks to create dynamic and responsive user interfaces, ensuring an optimal user experience.
* Utilized **React component lifecycle methods** for efficient handling of data and UI updates.
* Took charge of frontend development, employing **React**, a dynamic JavaScript library, to create an intuitive and responsive user interface.
* Pioneered the implementation of **JSON schemas** to dynamically render UI components, significantly enhancing the application's frontend flexibility and adaptability.
* Leveraged **Bootstrap** as a CSS framework in conjunction with React for an enhanced look and feel, ensuring a modern and visually appealing user interface.
* Utilized **Node.js** as the runtime environment for **React** applications, leveraging its efficient event-driven architecture to support scalable and high-performance web applications.
* Oversaw the integration of backend components, including **Spring Data JPA and Hibernate**, and managed the **PostgreSQL** database.
* Incorporated **Azure Cosmos DB** to facilitate globally distributed, multi-model database solutions, ensuring low-latency access and high availability across diverse application environments.
* Employed **Azure Functions** to develop serverless compute solutions, enabling seamless execution of code in response to events without the need for managing infrastructure.
* Utilized **Azure Kubernetes Servic**e (AKS) for orchestrating microservices, enabling efficient deployment and scaling.
* Demonstrated proficiency in **Docker containerization** by effectively packaging and deploying applications.
* Maintained a rigorous approach to software quality through unit testing, employing **JUnit** for test automation. Utilized **Mockito** to enhance the testing process, ensuring robust and reliable software outcomes.
* Utilized **Git** as the version control system to manage and track changes in the project codebase.
* Extensively utilized **Jenkins** to establish and automate Continuous Integration (CI) and Continuous Deployment (CD) pipelines, ensuring streamlined and efficient software delivery processes.
* Followed the **SAFe Agile framework**, actively participating in Program Increment (PI) planning, Scrum meetings, and daily scrum calls, ensuring effective communication.

**Environment:** **Spring Boot, Java 1.8**, RESTful Webservices, Microservices, Spring data JPA, **React**,   
 Docker, JAX-RS, Gradle, PostgreSQL, **J2EE**, IntelliJ, Visual studio code, SAFe Agile,   
 API Gateway, **Spring security**, **Apache Kafka**, HTML, Bootstrap, JSX, Swagger UI, Postman  
 **AKS**, **Azure Functions**.

**Client: CGI Jun 2017 – Feb 2020**

**Role: Software Engineer**

**Roles & Responsibilities**

* Applied advanced **Object-Oriented Programming** (OOP) principles to create intelligent and adaptable solutions that met the diverse needs of healthcare professionals.
* Employed Java **Spring Boot** in the backend to develop robust and scalable application.
* Engaged in utilizing core Java concepts such as **Collections**, **Exception Handling**, **Multi-Threading**, and **Serialization** within the project.
* Implemented **SOAP web services** and utilized **SOAPUI** for testing and documentation, ensuring robust functionality and compatibility with SOAP-based protocols.
* Implemented various **helper modules** which are extensively used across the application.
* Integrated essential design patterns, such as **Singleton, Builder, Observer, State, Builder,** and many other design patterns into the application's architecture. These design patterns enhanced code organization, maintainability, and reusability.
* Employed **Log4J** extensively to log client activity and other system processes efficiently.
* Created a feature-rich graphical user interface (GUI) utilizing **JSP** and **jQuery**, providing an intuitive and interactive user experience.
* Utilized **CSS3** to style and enhance the visual presentation of web applications, ensuring modern and responsive user interfaces.
* Developed user interfaces using **JSP** and form beans with **JavaScript**.
* Implemented **Jakarta Bean Validation** for Spring beans to enforce **robust client-side validations**.
* Leveraged **Hibernate as the ORM** framework for seamless interaction with **Oracle DB**.
* Implemented **Selenium test scripts** to conduct cross-browser testing, guaranteeing compatibility across major browsers like Chrome and Firefox.
* **Integrated Selenium tests** seamlessly into the continuous integration **pipeline** via **Jenkins**, automating test execution with every code commit.
* Utilized **Gradle** as the build automation tool to streamline the project's build process, manage dependencies efficiently.
* Ensured software quality through rigorous unit testing with **JUnit** and enhanced testing efficiency with **Mockito** for robust outcomes.
* Extensively utilized **Jenkins** to establish and automate **Continuous Integration** (CI) and **Continuous Deployment** (CD) pipelines, ensuring streamlined and efficient software delivery processes.
* Utilized **Git** as the version control system to manage and track changes in the project codebase.
* Utilized **Fisheye** to conduct thorough code reviews, ensuring a comprehensive and collaborative approach to maintaining code quality and best practices.
* Interacted directly with healthcare professionals, particularly nurses in Finland, to gain invaluable insights into their practical requirements. This direct engagement significantly contributed to better feature planning during the Program Increment (PI) sessions.
* **Mentored** new team members sharing project insights and ensuring their smooth onboarding.
* Followed the **SAFe Agile framework**, actively participating in Program Increment (PI) planning, Scrum meetings, and daily scrum calls, ensuring effective communication.

**Environment:** Java 1.8, JSP, jQuery, CSS3, JavaScript, SOAP Web Services, Jakarta validations, Selenium,  
 Log4J, Junit, Mockito, Multithreading, Gradle, Git, CI/CD, FishEye, SOAPUI, SonarQube.

**Cloud Digital Media, India July 2015 – May 2017**

**Java Developer**

**Description**: AppLabs Technologies has a leading presence in the global Information Technology (IT) industry, offering a full range of IT solutions and support through four outstanding companies with special expertise.  As globalization intensifies competition and drives companies to focus on their core competencies, a knowledgeable and capable IT partner becomes critical to success.

**Responsibilities:**

* Designed and developed web applications using **Struts, Spring MVC** and **Spring JDBC**.
* Developed the UI using **JSP** and struts tags.
* Developed Controllers, Service Classes and DAO based on **MVC** architecture.
* Worked with Informatica tool to extract the transformations applied and converted them into java code.
* Designed and developed the UI using Struts view component, **JSP, HTML, CSS** and **JavaScript, AJAX, JSON**.
* Designed and developed web pages using with **HTML, DHTML, XHTML, CSS3, Ajax** and **JQuery** based on the **W3C** standards and **Web 2.0**.
* Achieved role control functionality mainly by retrieving JSON data from **AJAX** and combining the retrieved data with **jQuery** to manipulate nodes in DOM tree.
* Utilized JBOSS for designing the application and implemented user interfaces with JSP and form beans using JavaScript to minimize server round trips.
* Utilized a combination of regular expression and **jQuery** Validation Plugin to conduct input check.
* Designed the data flow for the client-side screens and the object interaction layer for the server-side components using **Rational Rose**.
* Involved in Use Case Diagrams, Class Diagrams and Sequence diagrams using Rational Rose.
* Used **XML/XSLT** for transforming common XML format and **SAML** for Single Sign-On.
* Designed configuration XML Schema for the application.
* Developed Maven scripts and developed builds using Maven and continuous integration servers like **Jenkins**.
* Used **JavaScript** for the client-side validation.
* Used XML Http Request Object to provide asynchronous communication as part of AJAX implementation.
* Prepared the test plans and executed test cases for unit, integration and system testing using different automation tools like **Junit, Soap UI** and **Fiddler**.
* Analyzed the existing **SQL** queries in Informatica and designed queries to optimize the performance in the backend.
* Extensively used core JAVA concepts like Collections Framework.
* Worked on SQL and PL/SQL to write Stored Procedures, Functions and Packages for complex Inserts and updates.
* Prepared the test plans and executed test cases for unit, integration and system testing using different automation tools like Junit, Soap UI and Fiddler.
* Performance Testing experience using JMeter.

**Environment**: Java, J2EE, Struts, HTML, JSP, JDBC, EJB, ANT, XML, IBM Web Sphere, Rational Rose, JUNIT, JMeter, Jenkins, DB2, DB Visualizer, Beyond Compare, Clear Case, AL3 Vertafore, Power Center Informatica, Windows XP

**EDUCATION:**

**R.M.D Engineering college, affiliated to Anna University, Chennai -ECE -2016**

**Binghamton University**, SUNY, Thomas J. Watson College of Engineering & Applied Science. Binghamton, NY. **MS in computer science**. - **2023**