

Rakesh J
Full Stack Developer
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SUMMARY:

Software Developer with **6+ years** of experience in developing robust client applications using microservices architecture, Object-Oriented development with RESTful services and cloud platforms using CICD practices in scaled agile development framework. Strong communication skills with effective team management

- Experience in Web Application Development experience with technologies using **HTML 5, CSS3, JavaScript, TypeScript** and **Java**.
- Communicated with teams in developing the **Single Page Applications** using **Angular**.
- Created Forms, Validations, Modals, Material Design, Routing navigation, Custom directives, Optimization of the Application and Services connection to the back end.
- Integrated Restful services using Angular Services and **AJAX JavaScript**.
- Utilized **React Hooks** such as use State and use Effect, to manage component state and side-effects in a functional and efficient manner.
- Utilized **React lifecycle methods** to improve application performance, responsiveness, and overall user experience
- Used JavaScript for **Asynchronous Data** using **Ajax, JSON, Async, Await** and **Promises** for working with the back end.
- Developed **Service Oriented Architecture (SOA), Micro Service Architecture** and **SOAP, Restful API's** services-based **Java/J2EE** applications.
- Extensively work with implementing various spring framework modules such as **Spring Boot, Spring Batch** and **Spring Security**.
- Experience in implementing concepts like **Multithreading, Concurrency, Exception Handling, File handling, IO, Generics** and **Java collections** in various projects.
- Worked in Design, development and testing of web application and integration projects using Object Oriented technologies such as **Core Java, J2EE, JSP, JDBC, Java Message Service (JMS), Spring Framework, Hibernate, Java Beans, Web Services REST**.
- Written unit tests using **Junit, Mockito** frameworks for java applications.
- Implementation of **JMS** to exchange information over reliable channel in an asynchronous way by using **ActiveMQ, RabbitMQ, and Kafka** as message queue.
- Installed, Configured and Managed **Docker containers, Docker images** for Web servers and application servers such as **Apache, Tomcat** using **Docker** and integrated with **Amazon My SQL RDS** database.
- Worked with **Jenkins** under the **CI/CD** pipelines providing continuous improvement to **Agile** software development teams.
- Configured and troubleshooting networking issues within **Kubernetes** clusters
- Performed configuration, deployment and support of cloud services including **Amazon Web Services (AWS), Microsoft Azure**.
- Experience in using **XML/JSON** and to link with back-end applications.

TECHNICAL SKILLS:

UI Technologies	HTML5, CSS3, Bootstrap, JavaScript, jQuery, React, Node JS AJAX, Angular 14, Redux
Frameworks	Java 11 and Spring framework, Spring Boot, Spring Batch, JSF and Hibernate, Spring Data JPA.
Web Service	SOAP, REST
Databases	MS SQL, Oracle, Mongo DB, PostgreSQL
Application/Web Servers	Apache Tomcat, JBoss
Version Control	Git, Bit Bucket, GitHub
Operating System	Windows , Mac and Linux
Cloud	AWS, Microsoft Azure
IDE's	IntelliJ, Eclipse IDE, Visual Studio, Sublime Text Editor
Testing Frameworks & Tools	Junit, Jest, JIRA, Google Chrome Web Debugger, Maven, Postman, Swagger, GraphQL, Jenkins

Professional Experience:

Charter Communications, US
Full Stack Developer

August 2021 - Present

Responsibilities:

- Involved in requirements gathering, designing and development phases required to gather the information of customers.
- Developed the Presentation layer using JSP, HTML and used AJAX based rich client for improved customer experience.
- Developed user interface using **Angular** with JavaScript and **Spring Boot**.
- Worked on doing sign-in verification modules utilizing **Angular** and JavaScript by creating authorizing service and using tokens
- Developed back-end server-side code in **Java** using **spring framework** for various activities of application using Test Driven Development methodology.
- Conducted performance optimizations, reducing page load times by 50% through code refactoring and implemented caching strategies reducing data base hits.
- Perform unit testing with **Jest** and webservices with RESTful API.
- Customized most of the functionalities being able to be configurable in the admin side.

- Developed **REST APIs** for the system and also interacted with external API's to fetch data.
- Developed custom **Kafka** producers and consumers to ingest and process large amounts of data, improving data management and analysis.
- Implement **AWS Lambda functions** to run scripts in response to events S3 buckets and HTTP requests using Amazon **API Gateway**.
- Monitor functioning of the system and track each request to ensure system operates in conformance with specifications and storing the data in the **AWS S3 buckets**.
- Wrote ANT build scripts to compile **Java** classes and create jar, performed unit testing and package them into ear files.
- Created Control plane Batch jobs for the Integration runs over the nodes to start the containers.
- Tracked and resolved SonarQube issues including code coverage, duplicate blocks, code smells and security hotspots

Environment: Angular, Java, Spring Boot, Spring Batch, Micro services, Mockito framework, SQL, AWS Technologies- S3, Lambda, Dynamo Db, RDS, Docker.

Providence India, Hyderabad.
Senior Software Engineer

August 2019 – July 2021

Responsibilities:

- Contributed to developing a new enhancements using **React JS** and **Typescript**
- Created Forms, Validations, Modals, Material Design, Routing navigation, Custom directives, Optimization of the Application and Services connection to the back end.
- Creating **Routes, Guards, Directives, Service's** to communicate with the back end primarily built **Restful Web Services** using **Java Spring**
- Employed optimization techniques such as **lazy loading** and asynchronous loading to enhance the loading speed and overall performance within web applications
- Used JavaScript for **Asynchronous Data** using **Ajax, JSON, Async, Await** and **Promises** for working with the back end
- Developed **Service Oriented Architecture (SOA), Micro Service Architecture** and **SOAP, Restful API's** services-based **Java/J2EE** applications
- Proficient in configuring Spring Batch components such as Job Launcher, Job Repository, and Job Explorer to manage batch jobs and job instances
- Integrated **Hibernate** as the ORM tool for Java Spring, improving database management and reducing complexity
- Worked in Design, development and testing of web application and integration projects
- Experience in unit testing of Java based applications using **Junit** and **Mockito** frameworks.
- Webpack bundler to manage dependencies, and create a production-ready build

Environment: Java, React, Angular, Restful Services, Spring framework, Agile Methodology

TA Digital India, Hyderabad
Software Engineer.

September 2017 to July 2019

Responsibilities:

- Worked with business analysts to understand their business models and goals and help define strategy, content, and features
- Developed React JS pages, Web services calls and **AJAX** calls for the application
- Used **Angular** in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope
- Used React JS in components like JSX, creating React components
- Developed user interface using React JS, **Flux**
- Worked with **React JS** to build bootstrap components for UI web objects. Linked with **REST API** for rendering data through virtual DOM
- Used jQuery to traverse through a **DOM tree** and manipulated the nodes in the tree
- Using jQuery and JavaScript to create user interface and form validation
- Responsible for creating and modifying documentation corresponding to websites
- Wrote code to fetch data from Web services using **jQuery AJAX** via JSON response and updating the **HTML** pages and extract data from back-end
- Webpage debugging and maintenance
- Troubleshoot and resolve issues surrounding performance, response times, capacity and system limitations

Environment: HTML/HTML5, CSS/CSS3, JavaScript, jQuery, Bootstrap, AJAX, DOM, React js, web pack.