

ROHITH MEDISETTY

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Professional Summary

- 4 years of professional experience in all phases of Software Development Life Cycle (SDLC) including Requirements Gathering, Analysis, Design, Implementation & Maintenance and testing various methodologies using **Java/J2EE**, **Microservices** along with wide - ranging skills in web application development.
- Hands-on experience on front-end frameworks **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **React**, **Node.js**, **Bootstrap** and **Spring MVC**.
- Hands-on experience with **Java** includes Multithreading, Exception Handling, Concurrency, File Handling I/O, Data Structures and Collections, Polymorphism and Garbage Collections.
- Experience database development skills using SQL/PLSQL for various relational Databases like **Postgres SQL**, **SQL server** and **NOSQL databases** like **MongoDB**.
- Experience in implementing **Microservices** using **Spring boot**.
- Experience in development of **RESTful API** and **SOAP** based web services and clients.
- Extensive experience in XML related technologies such as **XML**, **XSLT**, **DOM**, **JSON**.
- Worked on different relational databases **MYSQL**, **PostgreSQL**, and NoSQL databases like **MongoDB**.
- practical experience of Amazon Web Services, including **EC2**, **S3**, **RDS**, and the ability to deploy on EC2 instances and connect to RDS databases.
- Thorough knowledge in Unit Testing with **JUnit 3.8/4.0**
- Experienced in **GitHub**, and **Bit bucket** for code management and version control.

Professional Experience

Purdue University | Software Developer

Aug 2022 – May 2023

- Lead a team of 12 students for Designing, developing, and testing the modern web applications using **React.js**, including components, state management, routing and **NodeJS**.
- Collaborated with students to develop and maintain responsive web applications using **React.js**.
- Integrated MongoDB databases with **Node.js** applications for efficient data storage and retrieval.
- Demonstrated on how to build Authentication/Login System with **React.js** and a **Serverless API** by Utilizing **AWS**.
- Developed custom middleware for handling authentication, logging in **Node.js** applications.
- Used **Restful** web services to call for **POST**, **PUT**, **DELETE** and **GET** methods.
- Successfully contributed to end-to-end development of web applications, utilizing **Node.js** for backend logic and **RESTful APIs**, and integrating with **React.js**.
- Used **Bit bucket** for version control and managing code changes and updates.

Environment: HTML, CSS, JavaScript, ReactJS, Node.js, Fetch API, MongoDB, AWS, Postman, REST API, Visual Studio Code, Bit bucket, Agile.

NTT Data | Software Engineer(Backend)

Sep 2019 – Dec 2021

- Orchestrated Agile-Scrum practices within cross-functional teams, driving successful delivery of software solutions; achieved a 15% increase in productivity and a 10% reduction in project delivery time.
- Involved in various phases of Software Development Life Cycle of the application like requirements gathering, Design, Analysis, Development and Testing.
- Designed and developed the UI using Spring View component, **JSP**, **HTML**, **CSS**, **jQuery** and **ReactJS**.
- Used **Java 8** for developing server-side logic and used **Spring** Framework to create **RESTful APIs**, wrote efficient and scalable code.
- Used **Spring Boot** to develop **microservices** and configured application properties and profiles and used **Spring Data** for database access.
- Worked as part of Micro services team to develop and deliver Maven projects to deploy on Jenkins and having experience in managing the Docker containers in Kubernetes.
- Exposed the application using **Rest Web service**, developed http post, get methods based on requirement and handled the errors using http status codes. Used **Postman API** to test REST API output data.
- **JUnit** was used for unit testing and as logging frameworks.
- Optimized **database** queries and resource utilization, resulting a reduction in response times and significantly improved user experience.
- Collaborated closely with product managers, front-end developers, and QA teams to deliver high-quality features.

- Created comprehensive technical documentation and knowledge-sharing sessions to onboard new team members and improve cross-team understanding.
- Utilized version control systems like Git and continuous integration/continuous deployment (CI/CD) pipelines to streamline development workflows and ensure code quality.
- I have gained good experience working with **Linux** systems, which includes being familiar, with Linux distributions and the tools used in the command line interface.
- Used **JIRA** for project management and issue tracking, create and manage user stories, tasks, and bugs, collaborate with team members and stakeholders and **GitHub** for version control and managing code changes and updates.

Environment: Java8, ReactJS, REST, Micro-Services, Spring, Spring Boot, Spring MVC, PL/SQL, JavaScript, JSON, Node Js, Docker, Jira, Git, Jenkins, AWS, Kubernetes, Maven, Jasmine.

SGTi | Software Engineer

May 2018 – May 2019

- Architected and deployed a cutting-edge full-stack application utilizing **React** and **Node.js**, enabling real-time tracking and visualization of team stats, match results, and performance trends.
- Employed **React** to create an intuitive and visually appealing frontend, enhanced with **CSS Grid** to optimize user experience.
- Used **React-Router** to turn application into **Single Page Application**.
- Used **React JS components, Forms, Events, Keys, Router, Animations** and **Flux concept**.
- Utilized **React Hooks** to streamline component logic and manage state.
- Used Middleware, **Redux-Promise** in application to retrieve data from Back-End to perform **RESTFUL** services.
- Implemented login and register page with complete authentication and authorization using **JWT**.
- Used **Restful** web services to call for **POST, PUT, DELETE** and **GET** methods.
- Utilized **Tailwind** CSS utility classes to streamline the styling process and ensure consistent design throughout the application.
- Collaborating with designers and developers to create user-friendly and visually appealing interfaces. Ensuring websites are responsive and compatible with various devices and screen sizes.
- Optimized site responsiveness, resulting in a 50% improvement in mobile user experience and a 15% increase in mobile conversions.
- Working closely with cross-functional teams, including designers, back-end developers, and project managers.

Environment: Agile, HTML, CSS, JavaScript, React, Node JS, Java, MongoDB, JIRA, Oauth2, Tailwind CSS, Jest, GitHub, JWT.

Skills

Web Technologies:	HTML5, JavaScript, jQuery, ES6, CSS3, Bootstrap, React, JSON, AJAX, NodeJS, XML, SOAP, REST, d3.js
Programming/ Scripting Languages:	Java/J2EE, JavaScript, Python, MS-SQL.
J2EE Technologies:	Servlets, JDBC, JSP, Java Security, Collections
Tools & Frameworks:	Spring, Spring MVC, Spring Boot, Spring Data (JPA), Hibernate, Maven.
Database:	MySQL, DB2, SQL Server
NoSQL Databases:	MongoDB
Cloud Environments:	AWS, Kubernetes
Testing Tools:	Junit, Jasmine, load runner, Postman
Version Control/Project Management:	Git (GitHub, Bitbucket, GitLab), Jira, Jenkins.
Build Tools:	Maven, Gradle, Log4J
Tools:	Jenkins, Docker, JIRA

Education

Purdue University – Hammond, Indiana

Masters in computer science

CGP: 3.54