

ROHITH MEDISETTY

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Professional Summary

- 4 years of professional IT 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.
- Experience in Core Java Such as OOPs, Collections, Exceptions Handling, Input/output (I/O) System, Multi-Threading, Lambda.
- Experience working with Front-end JavaScript frameworks like JQuery, Bootstrap JS, React JS.
- Implemented HTML5, CSS3, AJAX, JavaScript, Bootstrap, Node.js, React.js, and jQuery to design and develop dynamic websites.
- Experienced in GitHub and Bit bucket for code management and version control.
- Experienced in writing test cases and testing applications using with Junit.

Professional Experience

Purdue University | Software Developer

Jan 2023 – May 2023

- Facilitate students in understanding the fundamental concepts of front-end development, including **HTML**, **CSS**, and **JavaScript**.
- Guiding students through the implementation of CRUD functionality in their web applications using React.js and **JavaScript**.
- Streamlined **React.js** component development, state management, and API request handling, resolving technical queries and providing comprehensive guidance to ensure efficient **CRUD** operations.
- Demonstrating the integration of **D3.js** for data visualization and manipulation in front-end project.
- Created a series of in-depth tutorials and documentation resources, increasing student engagement and knowledge retention by 50% and improving project success rates.

CCIT INC | Front End Engineer

Apr 2021 – Dec 2021

- Developed microservices using **Spring** and **Java**, and implemented **React**, **JSP**, and **jQuery** to optimize policy abuse investigations. Analyzed customer journey resulting in a 40% reduction in policy abuse cases.
- Leveraged **Maven** for efficient dependency management, enabling the team to easily integrate new libraries and reducing build errors by 15%.
- Implemented Java 8 features such as Streams, Lambdas, Functional interfaces, Multi-threading, Collections, Exception handling and Execution services to improve code efficiency and the overall performance by 15%.
- Architected the frontend with **React** and the backend with **Java - Spring Boot**, using **Mongo DB** as storage.

NTT Data | Software Engineer

Sep 2019 – Apr 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.
- Implemented a highly responsive user interface by leveraging **React**, while utilizing React Router for efficient client-side routing and Redux for state management.
- Achieved a 40% reduction in page load time, resulting in a significant enhancement to the user experience and a 15% increase in customer retention.
- Developed server-side logic using **Java** and leveraged the **Spring** Framework to create highly efficient and scalable RESTful APIs, resulting in a 40% reduction in response time and improved overall system performance. Integrated security features such as **OAuth2** for user authentication and authorization.
- Highly experienced with Node.js (Server side), Express (Web server Framework), Mongo DB (Database) as a software stack.
- Created various MongoDB collections and wrote services to store and retrieve user data from for the application on devices and used Mongoose API in order to access the MongoDB from NodeJS.
- Implemented an API gateway as middleware to validate and authenticate **JWT** tokens,streamlining authentication process and reducing unauthorized access incidents by 40%.
- Utilized JIRA to facilitate project management and issue tracking; collaborated with team members and stakeholders to create and manage user stories, tasks, and bugs, improving overall project visibility and GitHub as version control.

SGTi | Front End Developer Intern

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; enhanced user satisfaction and boosted website traffic by 50%.
- Developed and deployed a scalable **Java** backend, leveraging **Spring Batch** to process and manage large datasets. Employed **React** to create an intuitive and visually appealing frontend, enhanced with **CSS Grid** to optimize user experience.
- 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, resulting in a 50% improvement in mobile user experience and a 15% increase in mobile conversions.

Projects

-Airline Reservation Website | HTML, CSS, JavaScript, SQL, Bootstrap, PHP, JDBC.

- Created a comprehensive Airline Reservation Website to create a convenient and easy-to-use system for buying airline tickets.
- We will have a database supporting dozens of major cities around the world as well as hundreds of flights.
- Implemented 10 different UI pages where customers will view and be able to interact with web site.

-Portfolio Page | HTML, CSS, Java script, Reactjs, Git.

- Architected and deployed a highly responsive single-page web application using React, resulting in a 15% increase in average session duration.
- Will have four different pages Home, Projects, About, Contact.
- Deployed using GitHub pages and netlify (<https://rohithmedisetty.netlify.app/>).

-Developed and implemented a fully functional sample webpage utilizing **React, Spring Boot**, and **MySQL** database, integrating postman API for testing, and enhancing design with MaterialUI.

-Simple Wikipedia search clone page using **HTML, CSS, JavaScript**, and fetch API.

Skills

Programming/Scripting Languages	: Java, JavaScript, C, MS-SQL, Python
Frameworks/Web Technologies	: React, NodeJS, J2EE, Spring (MVC, Boot, Batch), jQuery, HTML, CSS, Bootstrap
Database	: MySQL, DB2
NoSQL Databases	: MongoDB
Test/Debug/Build/ORM	: Junit, Maven, Gradle, Hibernate, JDBC
Version Control/Project Management	: Git (GitHub, Bitbucket, GitLab), Jira, Jenkins

Education

Purdue University – Hammond, Indiana	Jan 2022 – May 2023
Masters in computer science	CGP: 3.54