NAGA MAHESH BUSAM

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SKILLS

Languages : Java, JavaScript, SQL, NoSQL

Front-end : HTML/CSS, ReactJS

Back-end : Java, Spring Boot, REST APIs, Micro-services

Database : MySQL, MongoDB

Others : Amazon Web Services(AWS), Git, Maven, Eclipse IDE, VS Code

EDUCATION

Dhanekula Institute of Engineering and Technology   **June 2016 - October 2020**

Bachelor of Technology in Electronics and Communication Engineering   *Vijayawada, Andhra Pradesh*

EXPERIENCE

Tata Consultancy Services   **November 2021 - Present**

Assistant System Engineer   *Hyderabad, Telangana*

- Implemented new features for full-stack applications using **React.js** for the front end and **Spring Boot** for the backend, integrating with **RESTful APIs** and **MySQL** databases. Resulted in a 25% increase in user engagement and a 20% improvement in application performance.
- Utilized **Postman** for **API** testing and validation, ensuring 100% **API** functionality and achieving an 80% reduction in bug reports related to **API** integration.
- Managed version control using **Git**, employing branching, merging, and tagging strategies for collaborative development with team members. Reduced code conflicts by 50% and improved code maintainability.
- Utilized **Maven** as a build automation and dependency management tool to efficiently manage project dependencies, build artifacts, and configure project settings.
- Worked within an **Agile** development model to deliver high-quality software efficiently and collaboratively.

PROJECTS

myInsta(Social Media Platform) | *ReactJS, Spring, Spring Boot, MySQL| Source Code| Live Link*   **August 2023**

- Created a comprehensive web application that closely mimics the functionalities of the popular social media platform
- Utilized **ReactJS** to build an interactive and user-friendly user interface, enabling seamless navigation and engaging user experiences.
- Implemented a robust backend using **Spring** and **Spring Boot**, ensuring efficient handling of user requests and interactions with the application's data.
- Integrated **Spring Security** and **JWT(JSON Web Tokens)** to provide a secure user authentication system, protecting sensitive user data and enhancing application security.
- Utilized **MySQL** as the database to efficiently store and manage user data, posts, comments, and other relevant information.
- Deployed the application on the **Vercel** cloud platform for the Front-end and **Railway** hosting platfrom for Database and Back-end

eShop(Ecommerce Website) | *React JS, Firebase | Source Code| Live Link*   **March 2023**

- Developed an e-commerce website using **ReactJS** for front end and **Firebase** for user authentication and database.
- Implemented responsive UI components and user interfaces using **ReactJS**, providing an intuitive and seamless shopping experience.
- Developed user registration, login, and authentication using **Firebase Authentication**.
- Utilized **Firebase Firestore** as a database to fetch the product data to the Front-end.
- Deployed this website on **Firebase** Platform.

CODING PROFILES

Leetcode ⎋   GeeksforGeeks ⎋   HackerRank ⎋

ACHIEVEMENTS

- Solved 300+ Coding problems across the Coding platforms like Leetcode, GeeksforGeeks, HackerRank.
- Awarded for Transformed our college website design, resulting in a 30% increase in user engagement and a 20% improvement in overall user satisfaction.