

SATHVIK V MAIYA

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WORK EXPERIENCE

Full Stack Developer Intern

Apr 2024 – present

Nimblework

Bengaluru, India

- Developed and maintained web applications with **Spring Boot, React.js, and MongoDB**, efficiently resolving **20+ defects** to enhance application stability and performance.
- Successfully increased test coverage of both backend and frontend systems by **5%** using **Jest and JUnit**, significantly improving overall **product reliability** and reducing the occurrence of bugs.
- Implemented enterprise user management features, including handling user details with **MUI DataGrid** for **200+ users**, enhancing data visibility and management efficiency.
- Optimized the dropdown **performance** for loading user details and profile pictures, achieving a reduction in loading time from **0.8ms** to **0.3ms** for over **200+ active users**.

Full Stack Developer Intern

Mar 2024 – Apr 2024

Nectworks Technology

Bengaluru, India

- Built and managed web applications using **Node.js, React.js, Express.js, and MongoDB**, handling over **10+ components** and **20+ API endpoints** to deliver scalable solutions.
- Integrated **Amazon Simple Email Service**, facilitating the efficient delivery of **500+ emails** daily and improving email communication management.
- Engineered notification functionality via **Server-Sent Events**, delivering real-time updates to **100+ users**.

Web Development Intern

Nov 2023 – Jan 2024

HealTether Healthcare Pvt Ltd

Remote, India

- Worked on maintaining and enhancing web applications using **React.js, Express.js, Node.js, Tailwind, and MongoDB**, contributing to **15+ user-facing components**.
- Designed **REST APIs** to support **5+ key features**, ensuring seamless communication between frontend and backend components.
- Connected **WhatsApp API** for notifications and messaging, increasing communication efficiency and user engagement for **30+ users**.

ACHIEVEMENTS

- Awarded **3 gold medals** for being the Topper of the Institute among boys, for Academic Excellence among boys, and for Best Performer of the Institute among boys.

EDUCATION

Dr.Ambedkar Institute of Technology, Bengaluru

Dec 2020 – Jul 2024

Bachelor of Technology in Computer Science and Engineering

CGPA:9.34/10

PROJECTS

Shopay - Ecommerce Website



MongoDB, Express.js, React.js, Node.js

- Leveraged Node.js to develop a full-stack web application, delivering a **REST API** with MongoDB as the backend.
- Integrated with **Cloudinary** to store images of the campground on cloud storage.
- Enabled advanced filters and secure shopping to facilitate smooth product exploration and purchase.

Swift Talk - Chat Application



MongoDB, Express.js, WebSocket, Node.js

- Utilized **WebSocket** technology to facilitate rapid and reliable messaging within the chat application.
- Created real-time online status tracking to inform users of other's availability.
- Established a robust security protocol using **JWT** tokenization to authenticate users.

TECHNICAL SKILLS

Languages: Java, Javascript, C, HTML, CSS, Tailwind, MongoDB, SQL

Technologies/Frameworks: React.js, Redux, Node.js, Express.js, Spring Boot, JUnit, Jest, React MUI

Developer Tools: Git, Github, VScode, Eclipse, IntelliJ IDEA, Postman, Render, Netlify

Core Competencies: Data Structures and Algorithms, Database Management System, Object Oriented Programming, Full Stack Development, REST API Integration, Software Engineering, Software Development Life Cycle.