Vinod Mali

Software Engineer

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💼 PROFESSIONAL EXPERIENCE

Software Engineer Intern, BBD Software 🔗   Jan 2024 – Aug 2024 | Pune, India
- collaborate on **Vodacom's B2B** dashboard and microservices, empowering clients to manage employee SIMs, data plans, and telecom services, ensuring a seamless **user experience**.
- Crafted and maintained robust **REST APIs** with **Node.js**, delivering a scalable **microservices architecture**.
- Successfully transitioned the application from **Angular to React.js**, integrating responsive **styled components** for a modern UI.
- Knowlegde about devops practice and **GitLab CI pipelines** with **EKS**, enhancing the continuous integration and deployment processes.
- Developed and executed comprehensive module and integration tests using **Mocha, Sinon and Chai for Node** applications, ensuring high-quality and reliable software delivery.
- Oversaw the **release process**, ensuring smooth transitions and minimal downtime during deployments.
- Resolved **60%** of journey **overlapping problems** in a **single sprint**, significantly boosting process efficiency.
- Deployed, monitored, managed, and improved services using **Prometheus, Kibana, Grafana, TeamCity, Kubectl, Redis, Urban Code, Kubernetes, Docker and Postman.**

🎓 EDUCATION

Master of Computer Applications,   Nov 2022 – Jun 2024 | Shirpur, India
Institute of Management Research and Development
- CGPA: 8.54

Bachelor of Science in Computer Science,   Jun 2019 – May 2022 | Shindkheda, India
S.S.V.P.S. College of Shindkheda
- CGPA: 9.40

📁 PROJECTS

Smart-EV Booking Platform 🔗   Jan 2024 – Apr 2024
- Created a robust full-stack application using **Spring Boot** and **Spring Boot JPA (ORM)**, ensuring a solid backend infrastructure.
- Utilized **JavaScript, CSS,** and **HTML** to deliver a seamless **Single Page Application (SPA)** experience.
- Integrated **OpenStreetMap** to enable users to search for charging points, enhancing user functionality.
- Developed a comprehensive dashboard for charging station owners to manage bookings efficiently.
- Implemented secure user authentication with **Google authentication (OAuth 2.0)** and **JWT**, ensuring data protection.
- Set up continuous integration and deployment pipelines using **GitHub Actions** to streamline the development process.
- Deployed the application to **AWS EC2** with **Docker** and managed the database using **RDS**, ensuring reliable performance and scalability.

Neetcode - Coding Platform 🔗   Jul 2023 – Jul 2023
- Developed a full-stack coding platform using **React, Node.js, Express, MongoDB,** and **Redux**, emphasizing component-based architecture and state management.
- Created an admin panel for efficient management of problems and users, incorporating **CRUD operations** and **RESTful API design**.
- Integrated an online IDE with **Judge0 API** for a seamless coding experience, enhancing user engagement with interactive features and incorporating **Code Mirror** for code suggestions.

🧠 SKILLS

Frontend — HTML5, CSS3, SASS/SCSS, ReactJS, Redux, Redux-toolkit

Backend — Node, Express, Swagger, Postman,Core Java 8.0, C/C++, JavaScript (ES6+), Python, Advance Java

Database — Relational (MySQL, SQL Server, PostgreSQL) NoSQL(MongoDB)

Tools and Techniques — GitHub, VS Code,Graffana, Git, Jira, Confluence, GitLab, Version Control system IntelliJ, Eclispse.

Cloud Technologies — AWS (EC2, S3, VPC , Application Load Balancer)

📜 CERTIFICATES

- Full Stack Web Development Fundamentals - Udemy 🔗   - JavaScript Fundamentals - Udemy