

VINOD MALI

Software Engineer Intern

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📞 +91 9096277622

📍 Pune, India

in LinkedIn

📁 GitHub

Passionate and Creative Fullstack Developer with Expertise in IT Systems and Applications | Committed to Quality Code and Modern Best Practices | Collaborative Team Player and Independent Worker | Proven Track Record in Meeting Delivery Timelines | Analysis, design, development, testing, troubleshooting

PROFESSIONAL EXPERIENCE

Software Engineer Intern

Barone Budge Downnick

📅 Jan 2024 - present

📍 Pune, India

- Worked on a telecom project in South Africa, focusing on **Node.js microservices architecture** it's system design and **React.js** with **Agile methodology**.
- Troubleshooted **pods** and logs in **Kubernetes** clusters, ensuring **scalability** and **performance optimization**.
- Utilized tools such as **Prometheus**, **Kibana**, **Grafana**, **Team-City**, **Urban Code**, and **Flyway** for Deploy, monitor, maintain, improve services.
- Built frontend applications in **React.js** using **styled components** for enhanced **UI/UX** and **responsive design**.
- Developed and managed **microservices** with **Node.js** and **Spring Boot**, focusing on **RESTful APIs** and **relational databases**.
- Contributed to **core client libraries**, Handle Release management

PROJECTS

Smart-EV Booking Platform



Electric vehicle charging station booking management system

- Developed a **Fullstack application** using **Spring Boot** and **Spring Boot JPA** for backend infrastructure.
- Implemented **JavaScript**, **CSS**, and **HTML** for the frontend, ensuring a seamless **SPA** experience.
- Integrated **OpenStreetMap** for mapping functionalities, enabling users to search for charging points.
- Created a dashboard for charging station owners to manage bookings.
- Implemented **Google authentication** and **JWT** for secure user authentication.
- Set up **CI/CD** with **GitHub Actions**, deployed to **AWS EC2**, **Docker** and used **RDS** for the database.
- Enhanced user experience by enabling booking viewing and cancellation.

Neetcode - Coding Platform



Coding platform inspired by LeetCode and GeeksforGeeks

- Developed a **Fullstack coding platform** using **React**, **Node.js**, **Express**, **MongoDB**, and **Redux**, focusing on **component-based architecture** and **state management**.
- Implemented an **Admin Panel** for efficient management of problems and users, incorporating **CRUD operations** and **RESTful API** design.
- Integrated **Problem Solving** and **Online IDE** using Judge0 API for a seamless coding experience, enhancing **user engagement** and **interactive features**.
- Utilized **CodeMirror** for code suggestions and enhanced coding assistance, ensuring a robust **development environment** and **user-friendly interface**.

EDUCATION

Master of Computer Applications

Institute of Management Research and Development, Shirpur

Aug 2022 - May 2024

CGPA: 8.54

Bachelor of Science in Computer Science

S.S.V.P.S. College of Shindkheda

June 2019 - May 2022

CGPA: 9.40

TECHNICAL SKILLS

- **Programming Languages:** Java, C++, JavaScript (ES6+), TypeScript, Python.
- **Front end:** HTML, CSS, SASS/SCSS, React JS, Redux, Javascript, TypeScript, Styled Components, Tailwind CSS, Material UI.
- **Back End:** Node.js, Express.js, Microservices, RESTful APIs, Asynchronous Programming, Event-Driven Architecture
- **Database:** MongoDB, MySQL
- **Tools and Techniques:** GitHub, AWS, VS Code, Kubernetes, GitLab, Test-Driven Development (TDD), Unit Testing, Integration Testing, SDLC,

CERTIFICATES

- Full Stack Web Development Fundamentals - Udemy (**Certificate**)
- JavaScript Fundamentals - Udemy

ACHIEVEMENT

- Implemented a **CI/CD pipeline** using **GitHub Actions** to automate builds, tests, and deployments, accelerating feature delivery.
- Leveraged **Terraform** for Infrastructure as Code (IaC) on **AWS**, optimizing scalability and deployment efficiency for microservices architecture.
- Designed and integrated microservices with a **gateway**, enhancing service discovery and API management capabilities.

INTERESTS

- Problem Solving, Team Leading, Communication