SHIVAKUMAR UMMEDA

Software Engineer - Full Stack Developer

9494558983 • ummedashivakumar@gmail.com • Hyderabad

Summary

Full Stack Developer with 2.5 years of hands-on experience building scalable web applications using React, Node.js, MongoDB, and PostgreSQL. Proficient in REST APIs, TypeScript, Docker, GCP, and CI/CD using Jenkins. Skilled in Agile development, cloud-based deployments, and backend integrations to deliver robust, high-performance applications.

Experience

tech.at.core   Hyderabad, Telangana
Software Engineer   03/2023 - 03/2025

Software engineering consultancy focused on end to end product development and technology solutions

- **Developed** and supported supply chain platforms at **BMG Rights Management**, enhancing workflows for media ingestion, metadata processing, and asset validation across five integrated applications.
- Engineered full-stack web applications using **React.js**, **Node.js**, **Express**, and **MongoDB**, applying modular architecture for scalable codebases.
- Created and maintained reusable UI components to promote **code reusability**, **UI consistency**, and **developer efficiency**.
- Designed and integrated secure **RESTful APIs**, and implemented third-party service integrations to extend application capabilities.
- Utilized **Git**, **GitHub**, **Bitbucket**, and **Jira** for source control, issue tracking, and Agile collaboration.
- Deployed applications using **Docker** containers and **Google Cloud Platform (GCP)**, participating in sprint planning, code reviews, and release cycles to ensure quality and timely delivery.

tech.at.core   Hyderabad, Telangana
Software Engineer Intern   11/2022 - 02/2023

Software engineering consultancy focused on end to end product development and technology solutions

- Assisted in building web applications using **React**, **TypeScript**, and **Styled Components** as part of an agile frontend team.
- Collaborated with senior developers and received mentorship on **clean code**, **component-based architecture**, and **debugging best practices**.
- Supported the integration of RESTful APIs and backend services using Node.js and Express, enhancing application functionality.
- Gained practical experience in **Git**, **GitHub**, and collaborative version control workflows.

Skills

HTML5 · CSS3 · JavaScript · TypeScript · React · Redux · TailwindCSS · Bootstrap · Node.js · Express.js · REST API · MongoDB · PostgreSQL · Java · Docker · Git · GitHub · Bitbucket · Jira · Postman · Figma · Jenkins · Google Cloud Platform · CI/CD Pipelines · Agile · Scrum · Logging & Monitoring · Alerting · Grafana · Linux · Ubuntu · Shell Scripting.

Key Achievements

💎 **Performance Optimization**
Reduced application load time by 30% by optimizing React components, lazy-loading routes, and refactoring redundant API calls.

💎 **API Development & Integration**
Developed and deployed RESTful APIs using Node.js and Express, improving backend response time by 25% and enhancing data integrity in MongoDB

💎 **Improved Backend Performance**
Refactored Express.js middleware and implemented proper authentication (JWT) and input validation, reducing reported bugs by 60%.

Projects

Case Management System for Insurance Investigation

https://github.com/ShivakumarU

An application for managing insurance claim investigations

- **Built and deployed a secure, full-stack Insurance Investigation platform using React, Redux, Node.js, and MongoDB**, featuring 9 modular, case-linked dynamic forms and conditional workflows. Implemented automated PDF report generation for invoices and investigation summaries.

Education

Kakatiya University College of Engineering and Technology   Warangal, Telangana
Bachelor of Technology (B.Tech), Information Technology   2022