

BALUSA SAI VAIBHAV MERN Stack | Full-Stack Developer

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Professional Summary

Full-stack developer with hands-on experience building production-grade applications using React, Node.js, MongoDB, TypeScript, and Docker. Experienced in designing scalable REST and GraphQL APIs, implementing OAuth 2.0 authentication, Redis caching, and CI/CD pipelines with GitHub Actions.

Projects

Job Board

Job Listing Portal | MERN Stack, TypeScript, Docker, Redis, GraphQL, OAuth 2.0, GitHub Actions

- Architected a modular monolithic backend (Node.js + Express) with Controller-Service-Repository pattern across application modules
- Implemented OAuth 2.0 (Google + GitHub) with JWT access/refresh token rotation, Redis-based temporary state storage, and multi-provider account linking
- Built RESTful APIs and GraphQL layer for admin dashboard with role-based access control for job seekers, employers, and admins
- Integrated AI-powered resume analyzer using Gemini API to provide feedback score for resumes against job descriptions
- Optimized performance with Redis caching for trending jobs and search results
- Implemented rate limiting and centralized structured logging for production-level monitoring, Automated background tasks via cron jobs for job expiry and notifications
- Wrote unit and integration tests, automated testing with Jest, Containerized with Docker and deployed CI/CD pipelines using GitHub Actions

Work Experience

Deskfactors Inc, IOS Developer

01/2023 – 04/2023 | Bangalore, India

Technologies - Swift, Xcode

- Designed and developed Chat Screens for a seamless user experience.
- Resolved UI/UX application bugs and improved app stability.

Technical Skills

Frontend — HTML, CSS, JavaScript, TypeScript, React.js, Tailwind CSS

Backend — Node.js, Express.js, RESTful APIs, GraphQL, WebSockets

Database — MongoDB, Redis (Caching)

Architecture — Modular Monolith, MVC, Controller-Service-Repository Pattern

Auth & Security — OAuth 2.0 (Google, GitHub), JWT, Role-Based Access Control

DevOps & Tools — Docker, GitHub Actions (CI/CD), Git, Postman, VSCode

Testing & Monitoring — Jest, Logging (Winston/Morgan)

Education

B.Tech(CSE) - Jain University, Bengaluru

2019 - 2023 | 8.5 CGPA

Certifications

The Web Developer Bootcamp 2024 - Udemy