Badsha Laskar

Software Engineer at Zensar technology

+918170832391 badshalaskar0@gmail.com portfolio GitHub LinkedIn

Full-stack developer with 4+ years of experience in JavaScript, ReactJS, Node JS and CSS. Skilled in building scalable apps, REST APIs with AI integration and end to end testing. Familiar with cutting-edge technologies and DevOps tools, quick to learn and focused on delivering high quality project taking ownership of the work.

SKILLS

Frontend: React, Next.js, Angular.js, Redux, TypeScript, Tailwind, Bootstrap, Shadcn
Backend: Nodejs, Express.js, Fastapi, Postgress, Nest.js, microservices, SQL, JWT
Tools: Git, Visual Studio code, postman, insomnia, docker,
Other skills: CI/CD pipeline, RESTful APIs, cross-browser compatibility, Agile Development

EXPERIENCE

Software Engineer **March 2022 - Present**
Zensar Technology ltd. Pune, India

- Designed and implemented dynamic user interfaces for UK and US based client projects using React.js, focusing on delivering intuitive and responsive front-end solutions.
- Improved deployment process and logging using docker for prod and local environment.
- Streamlined testing, code review, PR process and CI/CD pipeline using GitHub action.
- Created and maintained API for authorization and authentication.
- Worked on internal AI project using varies AI technologies such as vector db, Langchain and agentic AI.
- Implemented ORM to improve data management and interaction.
- Ensured code quality and Increased test cases for client project from 10% to 98% using jasmine.
- Improved performance, state management and optimize entire app for Agentic AI using pooling and streaming data.
- Lead team to create more cohesive dashboard for AI app feedbacks and error management.

PROJECTS

AI Note & Question Generator Live Demo

- Designed and implemented a secure data architecture leveraging PostgreSQL for reliable and scalable storage.
- Integrated a Vector Database and pgCron scheduler to enhance retrieval-augmented generation (RAG) performance and data efficiency.
- Built an interactive, high-performance application using Python FastAPI with clean architecture principles and a React (TanStack Query) frontend.
- Developed a streamlined CI/CD pipeline using GitHub Actions and Docker to enable rapid and consistent deployments.
- Created a dynamic, responsive UI using shadcn/ui and Tailwind CSS.
- Implemented a full AI ecosystem including file-based storage, authentication & authorization workflows, and LangChain-powered AI pipelines.

Shortest Path Algorithm Visualizer Live Demo

- Built an interactive, visually appealing user interface using Next.js and DaisyUI to demonstrate algorithm behavior in real time.
- Implemented and showcased key pathfinding algorithms including DFS, BFS, Dijkstra, and A*, enabling users to visualize and compare shortest-path detection.

EDUCATION

Techno India University, Kolkata, India
Bachelors of Technology in Computer Science and Engineering