

Chandrika Punage

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PROFESSIONAL SUMMARY

Full Stack Developer with **1+ year of experience** specializing in building **scalable, responsive web applications** with a strong focus on **frontend development** using **React.js and Redux**. Skilled in creating **high-performance user interfaces**, **API integration**, and implementing **secure authentication (JWT)**. Experienced with **RESTful APIs, MongoDB, MySQL**. Passionate about developing **scalable, efficient systems** and writing clean, maintainable code in **Agile environments**.

TECHNICAL SKILLS

Languages: JavaScript, SQL, Python (Basic)

Frontend: React.js, Redux, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI, Responsive Web Design

Backend: Node.js, Express.js, RESTful API Development

Databases: MongoDB, MySQL, Pinecone (Vector Database)

Tools & Platforms: Git, GitHub, Docker, Postman, VS Code, Jira, AWS, Swagger, CI/CD Pipelines (GitHub Actions)

Concepts: Object-Oriented Programming (OOP), CRUD Operations, JWT Authentication, API Integration, State Management, Microservices Architecture

EXPERIENCE

Software Developer

Greet Labs Pvt. Ltd., Bangalore

Feb 2025 – Present

Project: Texub (Global B2B IT Marketplace)

- **Architected and optimized full-stack B2B applications** by building scalable RESTful APIs with Node.js/Express and responsive React.js/Redux frontends, improving render speed by **30%**.
- **Enhanced backend and database performance** (MySQL, MongoDB) through query tuning, indexing, and efficient data access, reducing API latency by **25%**.
- **Ensured high system reliability and real-time data flow** by implementing efficient client-server communication and resolving critical production issues through debugging and performance tuning.

PERSONAL PROJECTS

FusionCart – Full-Stack E-Commerce Platform

- Built a **scalable full-stack e-commerce platform** with JWT-based authentication, protected routes, and robust APIs using Node.js, Express, and MongoDB.
- Engineered an **optimized checkout and search system** with real-time validation (Luhn-based), filtering, sorting, pagination, and responsive UI using **React and Material-UI**.
- Developed an **AI-powered recommendation system** using **vector similarity (Pinecone, FAISS, LangChain)**, and improved application reliability through **Docker-based containerization, API documentation, and comprehensive testing**.

AzureBay Suite – Scalable Resort Booking & Management Platform

- Architected and developed a **scalable full-stack resort booking platform** using Node.js, Express.js, and MongoDB, designing modular REST APIs and optimized data models for high-performance operations.
- Engineered a **secure and robust backend system** with JWT authentication, RBAC, and middleware protections (Helmet, CORS, rate limiting), ensuring scalable, stateless, and secure API interactions.
- Built a **responsive and production-ready frontend & admin dashboard** using React and Redux Toolkit, integrating real-time analytics, efficient state management, and seamless client-server communication.

EDUCATION

•Sahyadri College of Engineering & Management, Mangalore

2021-25

Computer Science & Engineering

CGPA: 9.26

ACHIEVEMENTS/CERTIFICATIONS

- Finalist – Hackathon Competition** for innovative problem-solving and technical implementation. *Feb 2024*
- Full Stack Development Certification-TCE** *Sep 2023*
- Database and SQL Certification-Infosys** *Mar 2024*