

SAMRIDDHI SHARMA

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SUMMARY

Full-stack Software Engineer with 2.5 years building user-facing applications and backend systems. Experience with React, Node.js, and AWS—delivering payment integrations, inventory workflows, and deployment automation. Focused on writing clean code and shipping features that drive measurable business impact.

EXPERIENCE

Software Developer 2

Vyapar, Bengaluru

June 2023 – Present

- Built P2P payment system serving 10K+ users with end-to-end Razorpay integration—developed merchant onboarding dashboard, QR code generation, and transaction tracking (React/TypeScript); implemented backend APIs for payment processing, webhook validation, and automated settlement reconciliation (NestJS, MongoDB).
- Developed Job Work Management module for manufacturing businesses—implemented multi-step forms with Redux for BOM tracking, raw material consumption, and GST automation. Drove 2× increase in manufacturing user adoption.
- Built Godown Management & Stock Transfer system for multi-location inventory - designed SQL schema for stores, stock transfers, and store-wise line items; implemented business logic for cross-godown stock allocation enabling transactions to consume inventory from any location with cache updates for stock and reserved quantities.
- Architected client-side add-on system using Higher-Order Components for tier-based feature gating, transforming manufacturing into a monetizable premium feature; integrated CleverTap and Mixpanel analytics for data-driven rollouts.
- Automated deployment pipeline using Jenkins, AWS ECS, and GitLab CI/CD, reduced deployment time from 30+ minutes to under 5 minutes through parallelized Docker builds and ECR integration across Windows/Mac platforms.
- Integrated Brands.live for WhatsApp marketing feature for personalized business campaigns.
- Enhanced image editor for online store product listings with canvas-based zoom, rotate, and crop—increased feature adoption by 40%.
- Established testing practices with Jest for critical payment workflows and conducted peer code reviews to maintain code quality standards.

PROJECTS

- **Natours – Tour Booking Platform** | *Node.js, Express, MongoDB, JWT*
Full-stack application with JWT authentication, role-based access control, maps, and security measures including rate limiting, data sanitization, and XSS protection.
- **Multiplayer Tic-Tac-Toe** | *Node.js, WebSocket, JavaScript*
Real-time multiplayer game using WebSockets for state synchronization and game room management.
- **Task Management API** | *NestJS, TypeScript, PostgreSQL, TypeORM*
RESTful API with modular architecture, DTO validation, repository pattern, and database migrations.

SKILLS

Languages: TypeScript, JavaScript, C++, HTML, CSS/SCSS

Frontend: React, Redux, Electron, Jest, Webpack, Rspack, Storybook

Backend: Node.js, NestJS, Express, REST APIs

DevOps: Docker, AWS (ECS, ECR, S3), Jenkins, GitLab CI/CD, Git

Databases: SQLite, MongoDB, PostgreSQL, IndexedDB

EDUCATION

PES University

B.Tech, Computer Science & Engineering – CGPA: 8.6

Bengaluru, Karnataka

2019 – 2023