

Saumyaranjan Swain

Software Engineer | +91 8280710932 | swains313@gmail.com | [Linkdin](#) | [Portfolio](#) | Bangalore

PROFESSIONAL SUMMARY

Full Stack Software Engineer with 2.5+ years of experience designing, developing, and deploying scalable MERN-stack applications. Strong expertise in JavaScript (ES6+), React.js (Hooks, Context API, Redux), Node.js, Express.js, and MongoDB. Proven experience building RESTful APIs, reusable UI components, real-time systems, authentication/authorization (JWT), and performance-optimized applications in production environments. Experienced in Agile teams, CI/CD pipelines, and cross-functional collaboration.

TECHNICAL SKILLS

Backend: Node.js, Express.js, TypeScript, REST APIs, Microservices, Sequelize, Mongoose, Authentication & Authorization (JWT, OAuth), Socket.io.

Frontend: React.js (Hooks, Context API, Redux), JavaScript (ES6+), Micro-Frontends, Storybook, HTML5, CSS3.

Databases: MySQL, MongoDB (Schema Design, Performance Optimization), Mongoose ORM, Sequelize, Redis.

DevOps & Tools: Docker, PM2, CI/CD.

Tools & Workflow: Git, Jira, Husky, Postman, Agile (Scrum).

PROFESSIONAL EXPERIENCE (2.5+ Years)

Software Engineer

InspironLabs Software Systems Pvt. Ltd.

Mar 2025 - Present

Bangalore

US Healthcare Platform | React, TypeScript, Micro-Frontends

- Modernized a legacy single-page application into a modular micro-frontend architecture, improving scalability and long-term maintainability.
- Implemented multi-state support, replacing rigid single-state workflows and improving application flexibility.
- Optimized frontend performance using lazy loading, memoization, code splitting, and component refactoring.
- Migrated class-based components to functional components with React hooks, improving code readability.
- Built reusable UI components with Storybook and resolved cross-module performance issues.

Tidx Cybersecurity Platform | React.Js, Typescript

- Developed interactive dashboards for AI-driven Threat, Protect, Detect, and Respond modules.
- Integrated real-time AI/ML APIs to display threat severity, alerts, and contextual insights.
- Improved rendering performance for large datasets using memoization and lazy loading techniques.
- Collaborated with designers, product managers, and backend teams to deliver scalable and maintainable solutions.

Associate Software Engineer

NexusTech Innovation Pvt. Ltd.

Aug 2023 – Feb 2025

Bangalore

IoT-Driven CRM System | Node.js, TypeScript, MySQL, MQTT, Socket.io

- Core backend contributor for a real-time IoT CRM platform processing high-frequency device data streams.
- Designed and developed secure, scalable REST APIs supporting 500+ concurrent users.
- Implemented JWT-based authentication and role-based authorization for secure API access.
- Built a dedicated backend ingestion service for real-time device data persistence, ensuring reliable and efficient database writes.
- Improved API response time from ~15 seconds to ~1 second through query optimization.
- Built React-based dashboards for real-time operational and analytics insights.
- Debugged and resolved full-stack issues across backend services and React dashboards.

EDUCATION

B.Tech in Computer Science | Bhubaneswar Engineering College | 2018 – 2022 | CGPA: 8.05