

JENY PANSURIYA

Full-Stack Developer (MERN) | [GITHUB](#) | [LINKEDIN](#) | [PORTFOLIO](#)
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PROFILE SUMMARY

Full-Stack Developer (MERN) with hands-on industry experience building real-time, production-grade web applications. Strong foundation in React.js, Node.js, Express, MongoDB, and Socket.IO, with practical exposure to background job processing (BullMQ), role-based multi-tenant architecture, and push notification systems (Firebase FCM). Comfortable owning features end-to-end — from UI to API to database — with an emphasis on clean, maintainable code and timezone-correct, production-safe data handling.

EXPERIENCE

ABSS – Adaptive Business Support Systems LLP – Junior Full-Stack Developer

Jul 2025 – Present

- Built a Microsoft Teams-like collaboration platform (ABSS Teams) with real-time chat, meeting management, and task tracking using React.js, Node.js, Express, MongoDB, Redux Toolkit, Ant Design, and Socket.IO.
- Redesigned a polling-based reminder system into a zero-polling, event-driven architecture using BullMQ delayed jobs scheduled at entity creation and cancelled via job ID, significantly cutting unnecessary database load.
- Diagnosed and resolved a cross-database population failure caused by a multi-connection MongoDB architecture (separate Users and Employees databases), correcting the foreign-key design to fix chat and domain-model lookups.
- Debugged a cookie-based WebSocket authentication failure by passing the access token through Socket.IO's auth payload; resolved an Nginx WebSocket upgrade misconfiguration in production and replaced a deprecated XSS sanitization package with a custom recursive middleware.
- Implemented real-time messaging with Socket.IO, including typing indicators, online/offline presence, and role-based multi-company access control across one-to-one and group chat rooms.
- Designed and integrated a Firebase Cloud Messaging (FCM) push notification pipeline layered over Socket.IO, and fixed IST timezone correctness issues across payroll, leave, punch, and overtime services.

GreyCell Labs Inc. – FullStack Developer Trainee

Jan 2025 – Jun 2025

- Developed and maintained UI components using ReactJS and Material-UI, ensuring responsive layouts and accessibility best practices.
- Worked with Java Spring Boot on backend microservices — consumed REST APIs, configured controllers/services, and applied dependency injection patterns.
- Integrated RestHeart to expose MongoDB collections as RESTful endpoints with authentication and fine-grained access controls.
- Diagnosed legacy automation test scripts and authored 10+ new test scenarios, increasing overall test coverage across critical user flows.

PROJECTS

Empire ERP | React.js • Node.js • Express • MongoDB • AWS

- Engineered a scalable, modular ERP system supporting sales, purchase, and project lifecycle management, centralizing business operations across multiple modules for an industrial equipment manufacturer.
- Architected RESTful APIs with role-based access control (RBAC) and optimized MongoDB schemas, improving data security, query performance, and system maintainability.
- Developed interactive analytics dashboards for revenue tracking, order status, and project progress using React.js and Redux Toolkit.
- Deployed backend on AWS EC2 with PM2 process management and Nginx reverse proxy; managed Git branching strategy and production debugging.

TheWaterEngineer | Next.js • Vercel • SEO

- Developed a high-performance, responsive corporate website for an environmental engineering firm, featuring a dynamic blog, CMS-like content management, and multi-gallery project showcases.
- Implemented SEO best practices including dynamic meta tags, structured URLs, Open Graph integration, and sitemap generation to improve search visibility and organic reach.
- Configured custom domain, SSL, and deployment pipelines on Vercel; applied performance optimizations including lazy loading, image optimization, and code splitting.

SKILLS

Frontend: React.js, Redux Toolkit, Next.js, Tailwind CSS, Ant Design

Backend: Node.js, Express.js, Socket.IO, REST APIs, BullMQ

Database & Tools: MongoDB, Git, GitHub, AWS

Languages: JavaScript, HTML, CSS

Soft Skills: Problem-Solving, Quick Learner, Team Player, Self-Motivated

EDUCATION

Indus Institute of Technology and Engineering (Indus University), Ahmedabad

2021 – 2025

B.E. Computer Engineering | CGPA: 8.83