

ATIK S. RANGNEKAR

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SUMMARY

Results-driven Full Stack Developer with 2 year of production experience designing and shipping scalable web and mobile applications across the full stack — from React.js frontends and Flutter mobile apps to Node.js/Express.js microservices and optimized MySQL databases. Delivered an 85% reduction in API latency in a high-volume production environment through query optimization, composite indexing, and efficient REST API design. Comfortable owning features end-to-end: system design, development, code review, testing with Jest, deployment via Docker and Nginx, and monitoring with Grafana. Thrives in Agile/Scrum teams and is passionate about clean, maintainable code and measurable performance gains.

EXPERIENCE

Prototec Technologies, Full Stack Developer

Oct 2024 - Present

- Engineered a Node.js/Express.js REST API layer that cut endpoint latency by 85% (1m 30s → under 150ms) through MySQL query redesign, composite indexing, efficient JOINS.
- Built a cross-platform Flutter mobile application (Provider/ChangeNotifier state management) with real-time data synchronization across mobile and web, handling daily billing, inventory management, and product sales workflows.
- Designed an event-driven microservice using RabbitMQ for asynchronous bill processing; implemented structured error handling, retry mechanisms, and dead-letter queues to ensure zero data loss on MySQL writes.
- Implemented Google OAuth2 and JWT-based stateless authentication with email verification and multi-role session management, securing access across web and mobile clients with TypeScript-typed middleware.
- Built admin dashboards with audit logging, role-based access control, activity tracking, and automated Excel/PDF export; deployed behind Nginx reverse proxy with PM2 cluster mode and Redis session caching on Ubuntu Linux.
- Maintained CI/CD pipelines (GitHub Actions) for automated Jest unit testing and production deployment; participated in Agile/Scrum sprints with weekly code reviews, reducing post-release bugs by standardizing PR review checklists.
- Monitored production service health using Grafana dashboards connected to MariaDB, enabling proactive alerting and reducing mean time to resolution (MTTR) for infrastructure incidents.
- Built a full-featured project management frontend including a ReactFlow-based task dependency visualizer with BFS depth positioning and a Gantt timeline view with week navigation and day-offset logic.

Prototec Private Limited, Software Developer Intern

Aug 2024 - Sep 2024

- Built a real-time task management dashboard with drag-and-drop Kanban functionality using the MERN stack (MongoDB, Express.js, React.js, Node.js), improving team task visibility across 3 workflow stages.
- Developed and documented 10+ REST API endpoints with Postman, using TypeScript for type-safe request/response contracts and enabling clean frontend-backend decoupling.
- Integrated MySQL alongside MongoDB for structured relational data, applying SQL JOIN optimization and indexing strategies to support mixed-query workloads efficiently.

Pleximus, Software Developer Intern

Feb 2024 - Jun 2024

- Developed and maintained 5+ backend API modules using PHP and Laravel, implementing server-side validation, structured error handling, and RESTful routing conventions.
- Built responsive, mobile-friendly frontend components applying low-level system design principles; collaborated on debugging legacy modules, reducing open bug count by approximately 30%.
- Applied OOP design patterns (MVC, Repository) across Laravel services, improving code reusability and reducing duplication across shared business logic modules.

EDUCATION

Finolex Academy of Management and Technology, Mumbai University
Master of Computer Applications (MCA)
CGPA: 8.15

LICENSES & CERTIFICATIONS

Complete React Developer (w/ Redux, Hooks, GraphQL)

Complete NodeJS Developer (GraphQL, MongoDB, and more)

SKILLS

JavaScript (ES6+) • TypeScript • Python • SQL • Java • Php • Node.js • Express.js • REST API Design • GraphQL