

LOKESH DHAKAR

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Professional Summary

Full-Stack Engineer with **2+ years** of production experience building scalable SaaS products, internal tools, and modern web applications. Skilled in Next.js, TypeScript, Fastify, PostgreSQL, and React with experience across frontend architecture, backend APIs, authentication systems, and cloud-based workflows. Worked in fast-paced startup environments delivering end-to-end features, improving application performance, and collaborating closely with cross-functional teams using agile practices.

Work Experience

Software Engineer | Axy Inc

Aug 2025 – Present

Remote

- Architected a **Turborepo-based monorepo** comprising **10+ apps and 6 shared packages**, establishing scalable project structure serving the global scientist community.
- Developed an advanced event management tool with drag-and-drop scheduling and slot resizing using Next.js and PostgreSQL, improving scheduling efficiency by **40%** and enabling faster session booking for event planners.
- Implemented **multi-role authentication system (5+ roles)** using **WorkOS + JWT** with fine-grained authorization via **OpenFGA**, enabling secure access control across all user types.
- Integrated **AWS Lambda, SQS, SES, and S3** for async workflows, cutting response times from 1-2s to **< 700 ms**; applied **Redis caching** across critical endpoints, reducing high-frequency access times by **25%**.
- Led and mentored **4 interns** through sprint planning, PR reviews, and task delegation within a Scrum-based 7-person cross-functional team which accelerated sprint delivery and improved overall code quality.

Full Stack Web Developer | AlphaBI

Feb 2024 – Jul 2025

Surat, Gujarat

- Rebuilt **IoT dashboard V2** by developing **10+ pages from scratch** following Figma designs, delivering a fully redesigned UI/UX; migrated **40% of Express API to Fastify** with schema serialization, achieving **2x API throughput**.
- Leveraged **AI-assisted development** workflows (Claude Code, Cursor) to independently build and ship a full HRMS system that includes authentication, punch-in/ exit, and attendance management within a **2-week sprint**, reducing estimated delivery time by **50%**.
- Developed and integrated an **internal NPM logging package** across three products using Axios interceptors to capture and ship contextual API logs along with user-submitted bug reports, enabling faster issue diagnosis and improving debugging efficiency.
- Wrote unit and integration tests using Jest achieving **75%** code coverage on critical API routes; implemented structured logging and error observability across 3 production services.

Projects

Scope Seeker — Job Aggregation Platform · Next.js · MongoDB · TypeScript

GitHub

- Built **Scope Seeker** frontend with **20+ production-ready pages** aggregating job listings across multiple sources, achieving sub-2s page load; built modular design system and shared components collaborating with 2 engineers.

Easy Task — Project Management · Node.js · Express · Socket.io · Web Speech API · MongoDB

GitHub

- Engineered a real-time project management tool supporting 10+ concurrent users with voice-to-task input via Web Speech API, live team chat, and task assignment using Node.js, Socket.io, and MongoDB.

Technical Skills

TypeScript, JavaScript, React, Next.js, Node.js, Fastify, Express.js, PostgreSQL, MongoDB, Redis, AWS(Lambda, S3, SES), Kafka, GitHub, GitHub Actions, Playwright, Vitest, Socket.io, HTML/CSS, Zustand, AI Workflow (Claude Code, Cursor)

Education

BTech in Computer Science | RGPV University

2020 – 2024

Sagar Institute of Research Technology and Science (SIRTS), Bhopal

- CGPA: **8.4/10** — Coursework: DSA, DBMS, OS, CN