

PRASAD MAHURE

Full Stack Software Engineer

React.js · Next.js · Node.js · PostgreSQL · AI Integrations

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Pune, MH · Open to Remote

PROFESSIONAL SUMMARY

Full Stack Software Engineer with 4.5+ years of professional software development experience across internship, freelance, and full-time roles. Experienced in building production-grade SaaS platforms, real-time systems, and AI-powered applications. Proven track record of delivering 12+ applications with measurable performance improvements, including 60–65% query optimization on datasets exceeding 100K records. Skilled in React.js, Next.js, Node.js, Express.js, PostgreSQL, MySQL, and MongoDB, with hands-on experience integrating AI technologies such as Claude and OpenAI into scalable product architectures. Adept at designing end-to-end solutions, optimizing performance, and managing deployments. Passionate about building scalable SaaS products, AI-powered applications, and high-performance web platforms.

TECHNICAL SKILLS

Programming	JavaScript (ES6+), TypeScript, SQL
Frontend	React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive UI
Backend	Node.js, Express.js, REST API Design, JWT Auth, OTP, WebSockets
Database	PostgreSQL, MySQL (Indexing, Query Optimization), MongoDB, Prisma, Supabase
AI & APIs	Claude API (Streaming), OpenAI API, LiveKit, Pusher/Soketi, Google OAuth 2.0
DevOps	Git, Docker, Linux, Apache/Nginx, GitHub Actions, cPanel, CI/CD, Vercel, Render
Architecture & Scalability	System Design, Performance Optimization, DB Schema Design, Scalable Architecture
Tools	Postman, Figma, Jira, Confluence, Agile/Scrum

PROFESSIONAL EXPERIENCE

Software Engineer

Promax Scientific Developers · Nagpur

Mar 2023 – May 2026

- Delivered 12+ full-stack production applications across web and mobile-integrated systems, maintaining ~99.8% uptime.
- Designed scalable RESTful APIs consumed by React web apps and Flutter mobile clients, including JWT/OTP authentication and secure token-based sessions.
- Optimized MySQL performance via indexing and schema tuning, reducing query execution time by 60–65% on datasets with 100K+ records.
- Built real-time virtual conferencing platform using LiveKit and Pusher — supporting role-based permissions for chairperson, moderator, panelist, and attendee.
- Developed AI-powered analytics module integrating Claude API for natural language SQL querying and dynamic data visualization.
- Built a scalable CMS managing content distribution to 50+ digital devices with near real-time synchronization via a JSON-based rendering engine.
- Managed production deployments on Linux (Apache/Nginx, DNS, cPanel) with CI/CD pipelines using GitHub Actions.

- ▶ Collaborated with cross-functional teams in Agile/Scrum cycles — handling full product lifecycle from architecture to deployment.

Freelance Full Stack Developer

Self-Employed · Remote

Dec 2021 – Feb 2023

- ▶ Delivered end-to-end web applications for multiple clients — handling requirements, architecture, development, deployment, and maintenance independently.
- ▶ Built scalable frontend-backend systems using JavaScript and MySQL with optimized database interactions and RESTful API design.
- ▶ Managed full deployment lifecycle — strengthening client communication, technical ownership, and independent delivery skills.

Full Stack Developer Intern

Bizonance India Pvt. Ltd. · Amravati

Aug 2021 – Nov 2021

- ▶ Developed full-stack websites and assisted in backend API integration and database optimization.
- ▶ Improved data validation and testing workflows, reducing user input errors in production.

KEY PROJECTS

ResumeIQ – AI-Powered Resume Analyzer | [Next.js 14](#) · [Supabase](#) · [PostgreSQL](#) · [Claude API](#) · [Vercel](#)

- ▶ Built an AI-powered SaaS platform that analyzes resumes against job descriptions, generating ATS scores and actionable improvement recommendations in real time.
- ▶ Integrated Claude API streaming, Google OAuth 2.0, and Supabase Row-Level Security (RLS) to deliver secure, personalized user experiences.
- ▶ Solved production PDF parsing and extraction challenges across diverse resume formats, ensuring reliable AI analysis workflows and stable deployments.

Live: resume-iq-brown.vercel.app

APILab – Cloud-Based Mock API Platform | [Next.js 15](#) · [TypeScript](#) · [Supabase](#) · [PostgreSQL](#) · [Prisma ORM](#) · [Tailwind CSS](#) · [Vercel](#)

- ▶ Architected a SaaS platform enabling developers to create, manage, and deploy live mock APIs with configurable endpoints, HTTP methods, status codes, and JSON responses.
- ▶ Built a dynamic API execution engine with CORS support, response delay simulation, and public endpoint generation for frontend development and QA testing.
- ▶ Solved challenges in dynamic route resolution, multi-tenant data isolation, and scalable API configuration management while maintaining secure user-level access controls.

Live: <https://api-lab-iota.vercel.app/>

AI-Powered Analytics Dashboard | [Node.js](#) · [Claude API](#) · [MySQL](#) · [React](#)

- ▶ Developed a natural language analytics platform that converts business questions into optimized SQL queries using AI-driven intent interpretation.
- ▶ Implemented schema-aware query generation and validation mechanisms to improve query accuracy, performance, and database security.

EDUCATION

Bachelor of Engineering – Computer Science

Sipna College of Engineering & Technology, Amravati, MH

CGPA: 8.78 / 10

2019 – 2023