PRAKASH GARI SHASHI KUMAR

Full Stack Engineer — Backend-Focused — AI Integrations

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LinkedIn | Portfolio | GitHub

PROFESSIONAL SUMMARY

Full Stack Engineer with 3+ years of experience designing and deploying scalable web applications, AI-powered systems, and high-performance backend services. Strong expertise in Node.js, Python, microservices architecture, REST APIs, WebSockets, and PostgreSQL. Experienced in integrating AI APIs (OpenAI, Claude), implementing secure payment gateways, and deploying cloud-native applications on AWS.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), Python, SQL
Frontend: React.js, Redux, HTML5, CSS3, Responsive UI
Backend: Node.js, Express.js, FastAPI, Flask, REST APIs, WebSockets, Microservices, API Design
Databases: PostgreSQL, MongoDB, MySQL, Redis, Query Optimization, Indexing, Data Modeling
Cloud & DevOps: AWS (EC2, S3), Docker, CI/CD, Git, GitHub, Jenkins, Linux
Security: JWT Authentication, OAuth 2.0, Role-Based Access Control
Integrations: OpenAI API, Claude AI API, Cashfree, Razorpay, LiveKit SDK, YouTube API
Concepts: System Design, Scalability, Performance Optimization, Distributed Systems, Caching

PROFESSIONAL EXPERIENCE

Software Engineer – Full Stack Developer   **June 2023 – Present**
Way2News Pvt Ltd, Hyderabad, India

- Designed and deployed an AI-powered language learning platform integrating LiveKit SDK, WebSockets, and Text-to-Speech APIs, enabling real-time low-latency communication for thousands of concurrent users.

- Led the end-to-end architecture and backend development of the Way2Experts consultation platform, integrating real-time chat, voice communication, and secure payment processing (Cashfree, Razorpay), managing 50,000+ consultation records in PostgreSQL.

- Architected an automated multi-platform content distribution system managing 40+ YouTube channels (300,000+ subscribers), centralizing publishing workflows across YouTube, Instagram, and Facebook with analytics tracking.

- Optimized PostgreSQL queries, indexing strategies, and API payload handling to improve system performance and reduce server load.

Software Engineer Intern – Full Stack Developer   **October 2022 – June 2023**
Way2News Pvt Ltd, Hyderabad, India

- Developed a scalable advertisement management system using React.js, Node.js, and PostgreSQL with full CRUD operations and role-based access control.

- Implemented secure authentication workflows using JWT and OTP verification with automated email notifications.

- Improved frontend performance through pagination, error handling, and dynamic data visualization (Chart.js), reducing page load time by 40

EDUCATION

Bachelor of Technology in Computer Science and Engineering   **2019 − 2023**
Rajiv Gandhi University of Knowledge Technologies, Andhra Pradesh
CGPA: 9.05/10.0