

SHASHIL SRAVAN

Senior Frontend Engineer | Tech Lead | AI/Full-Stack Developer

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PROFESSIONAL SUMMARY

Senior Frontend Engineer and Tech Lead with 4+ years of experience building high-performance, scalable SaaS platforms and developer tools. Expert in React, TypeScript, Next.js, and modern API-driven architectures, with proven impact in improving application performance by 35%+ and accelerating delivery cycles. Experienced in leading frontend teams, defining technical roadmaps, and mentoring engineers across cross-functional environments. Expanding into full-stack and AI engineering with hands-on experience in Agentic AI workflows (OpenAI, Anthropic), Python, FastAPI, LangChain, and vector databases. Passionate about building intelligent, user-centric products at the intersection of frontend excellence and AI innovation.

CORE SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), Vue.js, HTML5, CSS3, Tailwind CSS, Electron

Backend & APIs: Node.js, Python, FastAPI, REST APIs, GraphQL, OpenAPI/Swagger, Ruby on Rails

AI & ML: Agentic AI Workflows, OpenAI API, Anthropic API, LangChain, Pinecone Vector DB, LLM Integrations

Databases: MongoDB, PostgreSQL, SQL, ClickHouse

DevOps & Tools: Docker, Git, CI/CD, AWS, SEO, Accessibility, Performance Optimization

Leadership: Team Management, KPI Definition, Code Reviews, Technical Hiring, Mentoring, Agile/Scrum

PROFESSIONAL EXPERIENCE

APIwiz

Jan 2025 – Present

Software Engineering Manager

Bengaluru, India

- Lead the frontend engineering team — managing tasks, defining KPIs, guiding hiring, conducting code reviews, and mentoring 6+ engineers while aligning individual growth with organizational goals.
- Pioneered Agentic AI initiatives by building AI-powered workflows leveraging OpenAI, Anthropic, LangChain, and Pinecone, serving as intelligent chat-kit agents driven by API documentation and internal processes.
- Designed and built Int-Bot, an AI-powered interview platform that dynamically evaluates candidates beyond predefined questions — assessing strengths, adapting follow-ups, and generating objective grading insights.
- Built an AI-powered Swagger Enhancer library that transforms and enriches large OpenAPI specifications in seconds, reducing API processing time by 80% and improving developer productivity.
- Integrated and enhanced major product modules including API Security, API Insights, API Inventory, and Async APIs with scalable Node.js interfaces and reusable component architecture.

APIwiz

Jan 2024 – Jan 2025

Software Development Engineer II (Senior Frontend / Tech Lead)

Bengaluru, India

- Improved application performance by 35% through strategic memoization, code-splitting, lazy loading, and rendering optimizations across the platform.
- Led end-to-end development of the Developer Portal (MERN stack) delivering API documentation, interactive guides, RBAC-driven user management, customizable templates, and onboarding workflows.
- Delivered the API Monetization module within 2 months — integrating invoicing workflows, currency conversion, metering rules, subscription packages, pricing models, and usage tracking.
- Revamped the APIwiz website improving SEO scores and page load performance by 45% using Next.js SSR, streaming (SSE), and optimization techniques.
- Contributed to major platform capabilities including Design Studio, Data Dictionary, Swagger Linting, API Portfolio, API Compliance, API Tracing, and Metadata Registry.

- Led and mentored a team of interns — assigning tasks, guiding learning paths, reviewing code quality, and building strong engineering fundamentals.

APIwiz

May 2022 – Jan 2024

UI Engineer

Bengaluru, India

- Joined as one of the early engineers and helped shape the platform's foundation by designing and building core frontend modules supporting the product's early growth.
- Led the migration of the core application from Vue.js to React, reducing maintenance overhead by 30% while ensuring zero disruption to existing functionality.
- Built the native desktop version of APIwiz using Electron, delivering a seamless cross-platform experience for Windows and macOS users.
- Worked extensively on API Design Studio, developing deep expertise in Swagger/OpenAPI specifications, complex API modeling, and schema design.
- Awarded the Dumbledore Award for outstanding contributions, ownership, and impact across the team.

PromptCloud

Jun 2021 – May 2022

Full Stack Developer

Remote

- Built and enhanced large-scale web scraping platforms using Ruby on Rails, collaborating with backend teams to extend features and improve system reliability.
- Owned the complete frontend lifecycle for internal tools using React and TypeScript — driving architectural decisions and supporting end-to-end testing.
- Designed and integrated key frontend artifacts by bridging Ruby on Rails with React, enabling a modernized user experience across the platform.

KEY PROJECTS & INITIATIVES

- **Agentic AI Workflows:** Designed intelligent agent systems powered by OpenAI & Anthropic APIs with LangChain orchestration and Pinecone vector DB for semantic search and API intelligence automation.
- **AI-Powered Interview Platform (Int-Bot):** Built a full-stack AI platform using Python, FastAPI, and React that conducts adaptive technical interviews with dynamic question generation and objective candidate scoring.
- **Swagger Enhancer Library:** Created an AI-powered library that processes and enriches OpenAPI specifications at scale, adopted across the APIwiz platform to improve API modeling quality.
- **Developer Portal:** Architected and delivered a comprehensive MERN-stack portal with RBAC, API documentation, interactive guides, and customizable onboarding — driving platform adoption.
- **Personal Finance App (In Development):** Full-stack application leveraging React, Node.js, PostgreSQL, and AI-driven financial insights for intelligent budgeting and expense tracking.

EDUCATION

Rajiv Gandhi University of Knowledge Technologies, Nuzvid

2018 – 2022

Bachelor of Technology in Computer Science

CERTIFICATIONS & AWARDS

- AWS Machine Learning Certification
- Advanced Data Science Specialist
- Python (Advanced) – HackerRank Skill Certificate
- Great Indian Alexa Hackathon – Finalist
- ICON of CSE Award | 3rd Position in India's Super Brain
- Dumbledore Award – APIwiz (Outstanding Contributions & Ownership)