

Rahul Raj N

Full-Stack CTO | Software Engineer & AI Engineer | Python, React, Flutter, Generative AI

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PROFESSIONAL SUMMARY

Full-Stack CTO and hands-on software engineer who bridges business strategy and shipped code. Progressed from Software Engineer to Project Head to CTO at Suffix E Solutions in under four years, leading architecture and delivery across 6+ shipped platforms while remaining hands-on in system design and code review. Builds production LLM and generative AI products, MCP-connected tooling and end-to-end backend systems in Python and Node.js, with React and Flutter frontends. Also teaches as an Instructor at Scope India.

SKILLS

AI & Generative AI: LLM Integration, Generative AI, Retrieval-Augmented Generation (RAG), Agentic AI, Model Context Protocol (MCP), Prompt Engineering, Deep Learning

Backend: Python, Django, Flask, FastAPI, Node.js, Express.js, PHP, Laravel, CodeIgniter, Java, Spring Boot, REST APIs, API Design

Frontend & Mobile: React, Next.js, JavaScript, Tailwind CSS, Flutter

Data & Databases: MySQL, MongoDB, Firebase, Appwrite, Pandas, NumPy, Scikit-learn

Architecture & DevOps: System Design, Software Architecture, Docker, Git, AWS, Cloud Infrastructure

Leadership: Technical Strategy, Code Review, Cross-functional Team Coordination, End-to-end Project Delivery

PROFESSIONAL EXPERIENCE

Suffix E Solutions

Chief Technology Officer & Senior Software Engineer Jul 2025 - Present | Trivandrum, Kerala

- Lead technical strategy and full-cycle product development for 6+ client and internal platforms, translating business requirements into scalable architecture across multiple technology stacks.
- Own architecture and system design; remain hands-on in code review and scalability decisions supporting multi-tenant load and modular feature rollout.
- Lead AI/ML initiatives end to end, shipping generative AI and LLM-based features that power production chat and assistant experiences.

Senior Software Engineer & Project Head Mar 2025 - Jul 2025 | Kochi, Kerala

- Promoted from Software Engineer to Project Head after 3 years, taking ownership of end-to-end delivery for 6+ client projects.
- Led cross-functional coordination between design, backend and mobile teams, reducing integration friction and accelerating releases.

Software Engineer Feb 2022 - Jul 2025 | Kochi, Kerala

- Built and shipped 6+ production applications across healthcare, e-commerce and legal-tech using Python, Flutter, React and Node.js, from API design to frontend deployment.
- Independently developed LAWGPT, an AI legal-chat system, end to end: backend, LLM integration, API design and deployment.
- Delivered the CubeznSlices e-commerce frontend solo, from design handoff to production deployment.

Scope India

Instructor

- Teaching focused on understanding technology in depth and what actually works in practice.

PROJECTS

Task Planner | *React, Tailwind CSS, Appwrite (self-hosted), Node.js, MCP*

- Task planning platform for managing work across many concurrent projects, built end to end for daily use as a senior developer.
- Node.js MCP server lets AI assistants such as ChatGPT and Claude create tasks through chat, and lets coding agents such as Claude Code and Antigravity pick up and complete pending tasks.

Al Awwal Advertising & Publicity | *React, React Router, Tailwind CSS, shadcn/ui, Framer Motion* | *alawwaladv.com*

- Website for a printing, signage and branding company in Ajman, UAE, presenting its service catalogue with built-in quote requests.

KuTuka | *Backend, APIs, Authentication*

- Task and reward family engagement platform; responsible for backend, APIs and authentication for secure family accounts.

PharmaYushConnect | *Telemedicine, Video, Frontend*

- Telemedicine app implementing video consultations and frontend workflows for remote patient-provider interactions.

CubeznSlices | *Frontend, E-commerce, UI*

- Solo-built e-commerce frontend delivering customer-facing UI and checkout flows from design to production.

EDUCATION

Bachelor of Science (BS), Computer Science - National College of Arts and Science