

# Siddharth Rathod

Engineer

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## Siddharth Rathod

Bengaluru

I'm an engineer currently building production LLM and voice AI systems end-to-end. I enjoy working closely with customers in fast-moving 0-1 environments.

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## Skills

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**Backend Development:** Python-FastAPI, [Node.js](#), Livekit

**LLM & Agent Systems:** Prompt pipelines, agent workflows, tool calling, evaluation & feedback loops

**System Design:** Scalable architecture, SQL & NoSQL

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## Experience

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### Nurix.ai / Founding Engineer

July 2024 - PRESENT, Bengaluru - India

Founding engineer at a high growth conversational AI startup building production LLM-powered voice and text agents for enterprises in domains like sales and customer support. Joined as the 7th employee. Built and deployed customer-facing AI systems end-to-end, working closely with customers to design user workflows and iterate using real-world feedback.

Some cool projects that I worked on during this time:

- **Autonomous Customer Support Agent:** Helped build an end-to-end autonomous customer support agent that triages, resolves, and responds to CRM tickets without human intervention. Designed backend workflows to categorize requests, execute resolution actions, and generate/execute empathetic responses. Operated at production scale handling ~15,000 support tickets per week

- **AI Sales Copilot Platform (Account Executive Assistant):** Helped build a full-stack platform that acts as an "AI OS" for account executives across the entire sales lifecycle. Enabled meeting preparation via automated research and context aggregation. Generated structured post-meeting summaries and next-step recommendations.

Owned two backend services (Node.js) and the data ingestion pipeline (FastAPI) powering the system.

Captained a pod of 3 engineers to help ship the platform.

**- Nurix's Core Voice AI Platform (Current Work)**

Developing the core conversational voice agent platform used for large-scale outbound campaigns.

Improving conversation quality, interruption handling, and real-time interaction reliability

Reducing end-to-end latency of voice interactions to improve user experience. (40% reduction in the p90 latency)

Scaling infrastructure to support campaigns with 10k-20k leads and reach 100k calls per day.

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**Education**

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**Birla Institute of Technology and Science, Pilani / BTech in Electronics and Instrumentation and MSc. in Economics and Finance**

2020 - 2025, Goa

Coordinator – Filmmaking Society of BITS Goa - Made films, organised film-events, won film-making competitions.