Siddharth Rathod

Software Engineer | Founding Engineer
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BITS Pilani Graduate Engineer currently building voice-AI at Broccoli AI, previously the founding engineer at Nurix.ai. I enjoy working in fast-moving, early-stage environments.

EXPERIENCE

- **Engineer** | ***Broccoli AI*** *(Oct'26–Present, San Francisco)*
  A YC-backed startup building an AI-native operating system for home-service contractors (plumbing, HVAC, electrical); its AI CSR answers every inbound call and books jobs directly into ServiceTitan. Raised $52M across Series A and B, led by Khosla Ventures.
- **Founding Engineer** | ***Nurix.ai*** *(July'24–Oct'26, Bengaluru)*
  A high-growth AI startup founded by Mukesh Bansal (Founder, Myntra & cult.fit). Joined as the 7th employee; during my time the company raised $27.5M, reached $10M ARR, and grew to a team of 95+.
  - **Customer Support Agents:** Built the backend application for two unicorn-client projects - a text-based customer-support agent and a customer-review-management agent. *Tech: FastAPI. Scale: 15k tickets/week & 10k reviews/week.*
  - **AI Sales Copilot Platform (Account Executive Assistant):** Built a full-stack "AI-powered sales OS" for anyteam.com serving account executives. Focused on solving meeting preparation via automated research and context aggregation, and on generating structured post-meeting summaries and next-step recommendations. Owned two backend services (Node.js) and the data ingestion and consolidation pipeline (FastAPI) powering the system; led a pod of 3 junior engineers.
  - **Core Voice AI Platform:** Improved voice-conversation quality and user-interruption handling, cutting end-to-end turn latency by 60% (p90) and 20% (p50). *Tech: LiveKit-agents, Python.* Owned and implemented the campaign manager that orchestrates outbound calling while managing concurrency. *Scale: 100k calls/day. Tech: Java Spring Boot.*
  - **NuStack:** Researched and built a new thesis for AI-native software generation: producing enterprise-grade software with AI without sacrificing reliability. Rather than letting an LLM write greenfield code, the system constrains it to compose vetted primitives and synthesize only the genuinely novel ~10%, so reliability becomes a property of the system rather than any single generation. Owned the autonomous QA layer that generates and runs the test, performance, and security batteries gating that code.

ACHIEVEMENTS

- 3× Nurix hackathon winner: 1st place twice and runner-up once.

EDUCATION

- **Birla Institute of Technology and Science (BITS), Pilani** *(2020–2025, Goa)*
  B.Tech in Electronics and Instrumentation & M.Sc. in Economics and Finance

TECHNICAL SKILLS

- **Backend Development:** Python (FastAPI), Node.js, Java (Spring Boot), LiveKit
- **LLM & Agent Systems:** Prompt pipelines, agent workflows, tooling, evaluation & feedback loops, LiveKit and other voice-AI stacks
- **Databases:** Postgres, MySQL, MongoDB, Redis
- **Cloud:** AWS, GCP

EXTRA-CURRICULARS

- **Coordinator**, Filmmaking Society of BITS Goa: made films, organised film events, and won film-making competitions.