

Arun Sakthi Anand M

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EXECUTIVE SUMMARY

Full-stack engineer and **early-stage founder** skilled in Spring Boot, Angular, and **event-driven architectures**, with a strong background in rapidly prototyping and scaling products from 0→1. Currently, developing a privacy-focused communication startup, while expanding expertise in Networking, **Cyber security**, and **Cloud Computing**. Proven leadership as President of Students' Gymkhana, IIT Hyderabad, driving institute-wide initiatives.

EXPERIENCE

- Alias Calling App (Founder Project)**, *Sqewes* June 2025 – Ongoing
- Building a mobile app that allows users to call without exposing their real number, using temporary alias numbers for privacy.
 - Conducted customer validation surveys with early users to test willingness-to-pay and demand.
 - Applied to YC in Fall 2025; currently iterating and reapplying with stronger validation.
- Lead Engineer, Notifications**, *Air India* August 2024 – Present
- Developed a Preference Management module, enabling users to customize notification settings across channels.
 - Architected push notification backend (Spring Boot + Firebase/APNs), replacing third-party vendors and cutting costs by 60%.
 - Built an internal notifications dashboard enabling non-tech analysts to publish campaigns, reducing turnaround time from hours to minutes.
- Full-Stack Developer**, *Air India* June 2023 – July 2024
- Developed a performance report generator (Node.js, Azure Functions) to track site KPIs across platforms.
- Software Developer Intern**, *KPIT Technologies* May 2022 – July 2022
- Used QEMU Spice Protocols to get remote access to virtual machines. Worked on features like Data Transfer and Data Sharing between Client and Host VMs, Device and Media Hot-Plugin

TECHNICAL SKILLS

Languages/Frameworks: Java, JavaScript, C++, Python, Spring Boot, Angular, NodeJS, ReactJS
AI/Emerging Tech: Agentic AI, Multi-Agent Systems, Prompt Engineering, LangChain, LangGraph
Tools/Applications: Git, Docker, Kubernetes, PostgreSQL, MongoDB, Redis

PROJECTS

- AI-Powered Travel Disruption Chat-bot** | *Agentic AI, Multi-Agent Framework*
- Built a chatbot for travel agencies capable of analyzing disruption scenarios (delays, cancellations).
 - Designed autonomous agents to recommend rebookings, accommodations, vouchers, and refunds, reducing customer support load.
- Video Streaming App** | *Spring Boot, Angular, MongoDB, AWS-S3, OAuth2*
- Developed a full-stack video streaming app, handling upload, storage, and playback.
 - Integrated OAuth 2.0 authentication/authorization, ensuring secure user access.
- Voice-Controlled Toy Car** | *Deep Learning, Signal Processing, Embedded Systems, Python, Arduino*
- Built a toy car that executes voice commands (forward, backward, left, right, stop) using an LSTM speech recognition model (90% accuracy).
 - Designed MFCC-based audio pipeline and integrated ML with Arduino to control DC motors via H-bridge circuit and showcased end-to-end integration of deep learning, signal processing, and embedded systems.

EDUCATION

Bachelor of Technology in Electrical Engineering Hyderabad, India
Indian Institute of Technology - Hyderabad Aug. 2019 – May. 2023

ACHIEVEMENTS & EXTRACURRICULAR

JEE Mains All India Rank 737, JEE Advanced All India Rank 1255 2019
NTSE Scholar, KVPY Scholar with All India Rank 144 2017-18
Captain, Field Hockey Club, IIT Hyderabad 2022-23