

SANDEEP M S

Product / Full Stack / AI Platform Engineer

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SUMMARY

Product-driven Full Stack & AI Platform Engineer with **4+ years** of experience building **scalable SaaS platforms, AI chat & voice systems, FinOps analytics modules, real-time applications, and mobile apps**. Strong ownership across architecture, backend, frontend, and deployment. Experienced in **FastAPI, React/Next.js, NestJS, GraphQL, ClickHouse, MongoDB, Node.js, SSO/RBAC**, and leading small engineering teams.

SKILLS

Backend: Python, FastAPI, Node.js, Express, NestJS, GraphQL, REST, WebSockets

Frontend: React, Next.js, TypeScript, TailwindCSS, Ant Design, MUI

Mobile: Ionic React, Capacitor (Android & iOS)

AI: Chatbots, Voice Bots, Gemini API, Ultravox, Plivo

Auth & Infra: OAuth2, JWT, RBAC, Azure SSO, Google SSO, Docker, Kubernetes

Data & Integrations: MongoDB, PostgreSQL, ClickHouse, Prisma, Salesforce, Razorpay

EXPERIENCE

Product Engineer — Turbostart (Apr 2025 – Present | Bengaluru)

- Built KAI, a multi-tenant AI chat & voice platform (FastAPI, MongoDB, Next.js) with SSO and RBAC.
- Owned tenant + user services, whitelabeling, and authentication architecture.
- Created KAI Insights, a DIY bot demo generator reducing demo setup from hours to seconds.
- Developed Luna, an AI voice agent supporting inbound & outbound calls.
- Led AuraML, managing 5 engineers, delivering enterprise auth, billing, and licensing systems.
- Built **Cloudverse FinOps module** using NestJS, GraphQL, ClickHouse, PostgreSQL & Prisma — implementing chargeback systems and unit economics modeling for cloud cost attribution and profitability analytics.

Software Engineer — Turbostart (Aug 2023 – Mar 2025 | Bengaluru)

- Delivered the T20 Mumbai ecosystem: website, Android/iOS apps, and real-time auction system (Socket.IO), broadcast live on Jio Hotstar.
- Built Turbostart Investor Portal (Web + Mobile) with React, Node.js, Salesforce, and Razorpay.
- Developed multiple large-scale platforms, including Startup Portal, Alumni Portal, Scout by TS.
- Shipped multiple production mobile apps using Ionic React.

Software Engineer — LearnCab (Nulurn Edutech) (May 2022 – Aug 2023 | Bengaluru)

- Built and maintained learner-facing web applications using React and Node.js.
- Improved performance, reliability, and user experience across core flows.

Internships

- **Software Engineer Intern — LearnCab** (Mar 2022 – May 2022)
 - **Intern — Gofu Technologies** (Jun 2019 – Aug 2019)
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EDUCATION

B.Tech, Computer Science — Presidency University, Bangalore (2017–2021)

IMPACT

- Delivered 16+ production systems across AI, SaaS, real-time, and mobile domains
- Architected multi-tenant and financial intelligence platforms used in enterprise environments
- Built systems used in live broadcast environments (Jio Hotstar)
- Led engineering teams and shipped enterprise authentication & billing systems