Sunil Joshi

🚀 Engineering Director • Startup CTO • AI Leader | 20+ Years in Tech | 10+ Years in Startups

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👤 About Me

I'm an **Engineering Director** with **20 years** of experience, including **10+ years** in fast-paced **startup environments**. I've built engineering teams from scratch, architected & shipped SaaS products at scale, and led multiple **AI initiatives** including log prediction engines, LangChain/LangGraph pipelines, and automation tools. I specialize in **full-stack engineering**, **AI automation**, **product delivery**, and **remote leadership**.

💼 Experience

🖱AirFi Aero - Engineering Director (Remote)

2022—Present

AI Initiatives

- Built an **AI-driven log analysis & prediction engine**
- Created **LangChain / LangGraph** reasoning pipelines
- Automated QA workflows with LLM agents

Leadership

- Owned **roadmaps**, quarterly planning, OKRs
- Modernized platform reliability & release workflows
- Led global remote engineering teams

Zay.works - Lead Architect (Remote)

2015—2022

- First engineering hire → scaled the team

- Architected backend for **Zaycare**
- Built hiring pipeline & engineering culture

FIS - Lead Developer

2009—2015

- Built enterprise financial products, APIs, and integrations

Mastek - Developer

2005—2009

- Enterprise application development using .NET & SQL

🛠 Tech Stack

Languages & Frameworks

Node.js, TypeScript, React, Next.js, React Native, Tailwind CSS

Backend & Architecture

GraphQL, Express.js, MongoDB, SQL/PostgreSQL

AI & Automation

LangChain, LangGraph, N8N, Vector DBs, Embeddings

Cloud & DevOps

AWS(Lambda, S3, ECS), CI/CD(GitHub actions)

🌐 Domains

Aviation

- In-flight entertainment (IFE) systems, connectivity, and content streaming.
- End-to-end O2S (Order-to-Seat) solutions and passenger experience optimization.
- AI-driven analytics for flight operations, passenger engagement, and service personalization.

Child Care

- Digital platforms for early childhood development and parental engagement.
- Automation of daycare management processes, including scheduling, billing, attendance, and reporting.
- Solutions tailored for European daycare industry standards and regulations.

Investment Banking

- FinTech solutions for trading, risk management, and portfolio analytics.
- Automated workflows and reporting and cloud-based systems.
- Secure, scalable back-office infrastructure integrating multiple financial platforms.

🎓 Education

Masters in Computer Application — Pune University

Bachelors in Computer Science — Pune University