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## Summary

Over 12 years of experience in software engineering and 7 years in leadership. The journey spans roles such as **Senior Engineering Manager** at [ClipboardHealth](#), **Principal Engineer** at [Prophecy IO](#), **Engineering Manager** at [UrbanCompany](#), and **Co-founder** at [Frrole.ai](#). These roles have involved managing multiple teams, defining vision and strategy, owning product and technical charters, and delivering key business outcomes, all while scaling metrics by over 100x.

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## Education

[Indian Institute of Information Technology and Management \(IIITM\)](#), Gwalior

Madhya Pradesh, India

5 Year Integrated Post Graduation in Information Technology (CGPA: 8.34 /10)

2004–2009

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## Skills & Expertise

- **Languages:** Designing and coding APIs and SDKs in **Python**, **Java**, **JavaScript**, **TypeScript**, **GoLang**, **Scala**, and **C++**.
  - **AI/ML:** Developing ML pipelines and models with **CNNs**, **RNNs**, and **Transformers**.
  - **Backend:** Architecting scalable microservices with **Node.js**, **Spring Boot**, **Flask**, **Django**, **Play**, **gRPC**, **Swagger**, and **Akka**.
  - **Databases:** Optimizing high-availability solutions with **MongoDB**, **PostgreSQL**, and **Elasticsearch**; specializing in query optimization and resilience.
  - **Data Processing:** Designing data-processing solutions, including pub/sub infrastructure and ELK stack for observability, using **Kafka**, **Spark**, **Storm**, and **Airflow**.
  - **Platform:** Managing cloud infrastructure with **Docker**, **Kubernetes**, **Terraform**, **AWS**, **GCP**, and **Azure**.
  - **Frontend:** Developing applications and dashboards with **React**, **Next.js**, and **Vue.js**; building SPAs with **React Router** and **Redux**.
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## Experience

- 04/22 – 07/24 [ClipboardHealth](#) **Senior Engineering Manager** **Toronto, Canada (Remote)**
- **Leadership & Performance** – Led full-stack teams, enhancing talent density through strategic hiring and coaching. Delivered 11 impactful projects in 2024 with a team of 5, driving significant business growth (30 bps CSAT improvement, 42% automation of manual document verification).
  - **Operational Excellence** – Streamlined processes for timely, bug-free releases, partnering with PMs and cross-functional teams to align on key initiatives, ensuring maximum value delivery.
- 01/21 – 04/22 [Prophecy.io](#) **Principal Engineer** **Toronto, Canada (Remote)**
- **Architecture & Design** – Designed scalable data pipeline architecture, enabling data-driven decisions and insights for clients.
  - **Team Leadership** – Mentored junior engineers and facilitated knowledge sharing, enhancing team capabilities and collaboration.
- 09/17 – 11/20 [UrbanCompany](#) **Engineering Manager** **Gurugram, India**
- **Growth Leadership** – Managed a 12-engineer team responsible for critical services like Catalog, Pricing, and Search. Scaled usage from millions of calls/month to millions/day, collaborating with business and product leaders to drive growth.
  - **Tech Modernization** – Introduced TypeScript, migrated logging from Kinesis to in-house Kafka, and deployed an ELK stack, boosting system reliability and reducing logging costs by 70%.
- 12/12 – 07/17 [Frrole AI](#) **Co-founder, Technical** **Bengaluru, India**
- **Technical Leadership** – Sole technical founder, architected a real-time data pipeline handling 50K tweets/second using Apache Storm, Spark, and ML models.
  - **Product & Business Impact** – Contributed to securing \$400K in seed funding, driving growth to \$1.1M ARR by effectively positioning our solution in the market.
- 08/10 – 12/12 [Lovely Professional University \(LPU\)](#) **Head-Coordinator, Lecturer** **Jalandhar, India**
- **Academic Leadership** – Managed a team of 20 lecturers, designed the curriculum, and instructed courses across computer science disciplines.
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## What to Expect If I Join Your Team

I bring a hands-on builder mentality, ready to tackle challenging use cases with simple, first-principles solutions. As a leader, I strive to be both demanding and supportive while staying humble and open to feedback. I'm also committed to going above and beyond, always prioritizing our customers and business outcomes. And finally, an easy and fun person to work with!