

# Tahmeed Rahim

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## Professional Summary:

Product engineering manager with 8+ years building regulated hardware and AI-first software solutions end-to-end. I design and ship RAG-based copilots, multi-agent LLM workflows, and scalable cloud backends that turn messy operational data into decision-ready tools for executives, operators, and engineers.

## Technical Skills:

- **AI & Data Products:** LLM applications, retrieval-augmented generation (RAG), embeddings, vector databases (Firestore vector search, Pinecone), prompt engineering, evaluation frameworks.
- **MLOps & Backend:** Python, Node.js, REST APIs, serverless (Firebase Functions, Cloud Functions, AWS Lambda), containerized services (Docker, App Runner, ECS), CI/CD (GitHub Actions, Vercel), monitoring & logging.
- **Frameworks & Tools:** LangGraph / LangChain-style multi-agent orchestration, Hugging Face APIs, PyTorch, React, Next.js, React Native, Firebase, PostgreSQL, Firestore, Redis.
- **Business & Strategy:** B2B partnerships, joint development & licensing, enterprise contract negotiation, early-stage fundraising, ROI modeling (EBITDA impact, efficiency gains), cross-functional leadership.
- **Product Design:** FMEA/risk management, DOE, DFM/DFA, rapid prototyping.

## Experience:

### **Glyph Platforms**

*Founder & Lead Solutions Engineer*

*Aug 2022 – present*

Venture-backed platform building AI tools/products for global, infra-heavy enterprises.

- Built and managed development of end-to-end AI solutions based product ecosystem, spanning iOS AR applications, a web portal (React/Firebase), and a cloud platform for managing client enterprise data.
- Closed \$500k in revenue in our first year through pilot programs with multinational clients including Brutex, Toppan, Lectra, Siemens, FedEx, Arc'teryx, and IKEA, with deployments across 10+ countries - drove growth to \$40k MRR by overseeing marketing, sales, and operational workflows.
- Structured and negotiated joint development and licensing agreements aligning technical delivery, IP rights, and commercial terms; regularly worked with C-level stakeholders.
- Led cross-functional collaboration across engineering, product, marketing, and operations to deliver enterprise-grade solutions on tight timelines.

### **Angle PLC**

*Product Engineer II*

*Jan 2019 – Aug 2022*

- Designed and developed the Ziplex 1.1 IVD device, an autonomous robotic multiplex assay solution integrating thermal, optical, mechanical, and pneumatic systems.
- Secured IEC 61010 certification (via CB scheme) and EMC certification (Class A immunity and emissions) for devices in North America and Europe.
- Lead eng. team's ISO 13485:2016 certification readiness, including compliance documentation and staff training.
- Oversaw end-to-end lab installations across the US, Canada, and UK, ensuring seamless integration into clinical and research environments; deploying 30+ devices globally.

## Education

**Bachelor of Applied Science, Mechanical Engineering** (specializing in Robotics/Mechatronics)

University of Toronto – April 2018

**References available upon request**