

Shoaib Shaikh

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Summary

Product-focused software engineer with experience as a founding engineer and AI infrastructure engineer, building production systems across AI, backend, cloud, and distributed infrastructure. Experienced in taking complex systems from architecture to deployment, with strong focus on performance, scalability, and product impact.

Experience

GrooveTie Inc, Nov. 2025 – Present
Founding Engineer (Acting CTO) Atlanta, GA

- Led the redevelopment of the mobile app after replacing an outsourced codebase.
- Rearchitected backend infrastructure, reducing the core API latency by **6x** across the production services
- Scaled platform architecture to support **4x+ user growth** without major infrastructure changes.
- Directed product, engineering, and infrastructure decisions alongside the founder across every major release.
- Shipped subscriptions, media delivery, search and recommendation systems powering the platform's core experience.

Friday AI May. 2025 – Apr. 2026
Cofounder and Product Engineer Mumbai, India

- Co-founded an AI infrastructure startup and built the product from concept to production deployment.
- Contributed in development of the core product to reduce LLM token usage by **40%** while improving the output quality.
- Designed backend architecture, SDKs, and integrations supporting rapid product iteration and customer onboarding.
- Shaped product strategy and technical direction through customer feedback and engineering tradeoff decisions.

Projects

RAG Document Intelligence System

- Built an end-to-end RAG system achieving **97% answer accuracy**, combining document parsing, OCR, semantic chunking, embeddings, vector retrieval, and citation-backed generation using **Docling, Qdrant, PostgreSQL, and AWS S3**, with chunk-level source mapping and systematic evaluation across complex PDFs, legal documents, and spreadsheets.

Distributed Video Transcoding Pipeline

- Built a distributed video processing system using **TypeScript, Node.js workers, Redis, FFmpeg, Docker, and AWS**, with asynchronous job queues, parallel processing, real-time status tracking, and failure handling for large media workloads.

Education

Chandrabhan Sharma College, Powai Aug. 2022 – June 2025
Bachelor of Computer Applications Mumbai, India

- **Coursework:** Data Structures, Algorithms, Databases, Computer Systems, Software Development

Skills

Backend: Node.js, Express.js, REST APIs, JWT, Microservices, Event-Driven Architecture

Cloud & DevOps: AWS (Lambda, API Gateway, RDS, SQS, S3, CloudWatch), Docker, CI/CD, GitHub Actions

Databases: PostgreSQL, MongoDB, Redis

Frontend: React.js, Next.js, Tailwind CSS

Languages: JavaScript (ES6+), TypeScript, SQL