

SHAKEBUDDIN MOHAMMED

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Full-stack AI engineer and zero-to-one builder. Since graduating, I've independently built and shipped four AI platforms, including one that caught the attention of Mem's CEO.

PROJECTS

Index92 [index92.com]

- Built and launched solo from 0 to live App Store in 30 days. Full stack: React, Python, Swift, voice Ai, autonomous agents, no PM, no co-founder, no external funding.
- Architected an autonomous agent pipeline for end-to-end admin tasks (booking, email, drafting, follow-ups) with action transparency.

Echoes OS [echoesos.com]

- Built a multi-tenant RAG knowledge platform (LLMs, Pinecone, pgvector, Auth0, Next.js, Supabase) enabling personalized Ai-powered knowledge retrieval
- Designed AI agents that integrate with Gmail and Chrome Extension to ingest and surface knowledge with dynamic context windows.

Readwise ↔ Mem.ai Sync Bridge

- Automated data synchronization integration between Readwise and Mem.ai with robust rate limiting and error recovery. Attracted direct attention from Mem's CEO.

Frenco Chat [[App Store](https://www.apple.com/app-store)]

- Built iOS app for AI-powered French conversation practice with interactive chat-based learning flow.

EXPERIENCE

Independent AI Builder.

May 2025 – Present

- Shipped four AI platforms: Index92(autonomous voice agents), Echoes OS (RAG Knowledge retrieval), Readwise Sync bridge, Frenco Chat App(App Store)
- Full-stack ownership: architecture, shipping, and user feedback loop

Software Development Engineer - Innovacx Tech Labs

Aug 2022 – Aug 2023

- Built and optimized full-stack apps(React, TypeScript, Node.js); improved page load speed by 30% and user engagement by 25% through modular architecture and SSR.
- Automated CI/CD with GitHub Actions, cutting deployment time by 50%.
- Designed REST APIs connecting frontend to backend services.

Full-Stack Web Developer Intern - FreshPrints LLC

Jan 2022 – Mar 2022

- Built the settings module(React, TypeScript) as part of FreshPrints' full platform migration (v1 -> v2), serving 45,000+ active users. Built from scratch alongside a cross-functional team, rebuilding the platform end-to-end.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, Swift

AI / ML: LLM Agents, RAG Architectures, PyTorch, Pandas, Numpy, Vector Databases (Pinecone, pgvector), Prompt Engineering

Frontend: React, Next.js, Angular, SwiftUI, Tailwind CSS, Three.js, Motion Design

Backend & Cloud: Node.js, Express, FastAPI, Fastify, AWS(Lambda, S3, EC2), Azure, Docker, Kubernetes, CI/CD

Databases: PostgreSQL, Supabase, MongoDB, Redis, NoSQL

Tools: Git, Figma, Jira, Linux, Agile/Scrum, REST API Design

EDUCATION

M.S. Information Systems - Northeastern University, Toronto (GPA: 3.71)

Sep 2023 – May 2025