Oluwatosin (Tosin) Ogunjobi

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PROFESSIONAL STATEMENT

Software engineer with a strong foundation in system design, building scalable, production-grade applications across mobile, backend, and cloud platforms, including **artificial intelligence–powered features**. I've shipped user-facing products at Microsoft and independently build cross-platform mobile apps integrating LLM APIs and open-source technologies.

WORK EXPERIENCE

Microsoft Corp.   August 2022 – Present
Software Engineer   Redmond, WA

- **Drive security impact at scale** within Microsoft Security & Protection by designing and enforcing Kevlar policies that safeguard **10M+ users across thousands of enterprise tenants**, reducing exposure to misconfiguration and policy drift in production environments
- **Designed and rolled out internal security enforcement systems** used across high-traffic services, improving policy consistency and reliability while supporting **millions of daily policy evaluations**
- **Instrumental in launching Transcript Translations**, enabling video transcripts to be translated into **120+ languages**, significantly expanding global accessibility and unlocking **new enterprise adoption and revenue opportunities** for Microsoft Stream
- **Former contributor to Office AI**, delivering **agentic, AI-powered experiences** using **Microsoft Copilot Studio**, enabling customers to automate workflows and interact with intelligent agents at enterprise scale
- **Specialize in backend services and API development**, building scalable, production-grade services with strong contracts, CI/CD pipelines, and automated testing, resulting in **faster release cycles and improved service reliability**

PERSONAL PROJECTS

⦿ **Odyssey - Your Bitcoin Journey: Mobile App**   ⎆ Open Link

- Designed and shipped a **gamified Bitcoin learning app** with **30+ quests, XP progression, streaks, and achievements**, supporting **real-time data, secure auth, and offline caching** using **React Native and Expo**
- Scaled to **150+ MAU users** through organic marketing and community outreach; implemented **subscription monetization via RevenueCat** and real-time engagement with push notifications and **Sentry for error monitoring and alerting**

⦿ **Vault by HRZN BTC: Open Source Bitcoin Wallet**   ⎆ Open Link

- Architecting *Vault*, an **open-source Bitcoin wallet forked from BlueWallet**, focused on **modern UX, self-custody, and consumer + local business adoption**
- Designing **AI-assisted wallet insights** to analyze transaction history and balances, providing **privacy-preserving suggestions** for security, spending patterns, and Bitcoin best practices

SKILLS / TOOLS

System Design • Python • Java • C++ • Swift • React • Typescript • Go • C# • Kotlin • AWS • Docker • SQL • LLM APIs • Redis

EDUCATION

Purdue University   **Graduation: May 2022**
Bachelor of Science, Computer Engineering   West Lafayette, IN