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

- L**ed the design and implementation of agentic experiences** within Office AI, leveraging PowerFX and LLMs to streamline customer workflows, **resulting in a 30% reduction** in task completion time. Built a telemetry pipeline using Kusto and Azure Data Explorer to track performance, **improving system responsiveness by 15%** and enabling data-driven iteration across **10,000+ users**.
- **Developed and maintained backend services and RESTful APIs** using C#/Typescript, ensuring seamless integration with frontend components.
- **Contributed to the development and release of the Audio Descriptions feature**, increasing video accessibility for visually impaired users by 40% and improving user satisfaction scores by 25%.
- **Led the launch of Transcript Translations**, a tool that translates video transcripts into **120+ languages**, resulting in a **20% increase in international user engagement** and generating over $30,000 in revenue within the first quarter.
- **Led the design and implementation of agentic experiences** within Office AI, leveraging PowerFX and LLMs to streamline customer workflows, **resulting in a 30% reduction** in task completion time. Built a telemetry pipeline using Kusto and Azure Data Explorer to track performance, **improving system responsiveness by 15%**

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# • SQL • Kotlin • AWS • Docker • SQL • LLM APIs

EDUCATION

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