Soludo Amaeze

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EDUCATION

BACHELOR'S IN COMPUTER SCIENCE   **Sep 2024 - Jun 2026**
Seattle Pacific University   *Seattle, Washington*

EXPERIENCE

SOFTWARE ENGINEERING INTERN   **Jun 2025 - Sep 2025**
Microsoft   *Redmond, Washington*

- Designed and implemented a centralized configuration system for a distributed pricing platform, reducing 45+ manual update points to a single config-driven pipeline and significantly cutting update time
- Built and integrated a custom Model Context Protocol (MCP) layer for the team's internal Large Language Model (LLM), enabling context-aware prompt routing, environment-specific behavior, and secure telemetry parsing
- Extended GitHub Copilot SWE Agent capabilities to automate engineering workflows: auto-linked ADO work items, generated draft PRs with inline code changes, and pre-populated commit messages improving developer velocity by 30%

SOFTWARE ENGINEERING INTERN   **Jun 2024 - Aug 2024**
Microsoft   *Redmond, Washington*

- Developed and executed Kusto (KQL) queries to extract insights from service telemetry and production data
- Created a proof-of-concept for zero-touch deployment by enriching test incidents with real-time telemetry
- Migrated automation workflows to a production repo and reduced manual deployment effort by 60%

EXPLORE INTERN (PM + SWE)   **Jun 2023 - Sep 2023**
Microsoft   *Redmond, Washington*

- Conducted UX reviews and collaborated with designers to transform user feedback into engineering specs
- Defined and prioritized technical requirements by leading customer feedback sessions and coordinating Agile sprint planning with PM and design teams
- Refactored state management and reduced render cycles by 40% using optimized React hooks and memorization strategies, improving overall performance and responsiveness

PROJECTS

PULSETRACK

Designed and built a web dashboard for visualizing health incident trends using Django and Chart.js; integrated CSV upload, role-based access, and automated reports for clinics tracking local outbreaks.

AFROJAMZ

Made a web based system that retrieves and translates non-English song lyrics by integrating Apple Music metadata, lyrics Apis, and the google Translate Api. Implemented automatic language detection, preserved lyrical formatting, and supported translations across 70+ languages. Designed a clean interface for seamless viewing of original and translated lyrics.

SKILLS

Languages: JavaScript, TypeScript, Python, Java, C++, SQL, KQL

Frameworks/Tools: React, Node.js, CSS, Tailwind CSS, Git, Figma.

Other: Automation scripting, Large Language Models (LLMs), CI/CD, Prompt Engineering.