Abaho Katabarwa

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EDUCATION

Brown University — MS in Computer Science   2019
Stanford University — BS in Computer Science   2015

SKILLS

- Proficient in strongly typed and systems languages (Rust, C++, Java) and scripting/functional languages (TypeScript, Python, Scala)
- Experienced fullstack engineer: frontend (React, React Native, Next.js, etc) and backend (distributed systems, cloud infrastructure on AWS/Azure)
- Experienced in embedded and real-time systems engineering (SDK development, set-top box middleware, sub-microsecond latency constraints)

EXPERIENCE

Stealth Agentic Workflow Startup   Sep 2024 – Present   Seattle, WA
Founder, CEO & Solo Lead Engineer

- Architected and built a multi-tenant LLM-powered agentic workflow platform targeting low-to-no-code users, enabling non-technical users to build and deploy complex AI workflows without writing code
- Delivers sub-5-second end-to-end workflow completion at high availability across a large consumer base, with routing across all major LLM providers based on workflow requirements
- Engineered a high-performance Rust backend optimized for concurrency, memory safety, and low-latency task dispatch, paired with a Next.js frontend for workflow authoring, execution, and monitoring
- Implemented comprehensive CI test infrastructure (unit, integration, end-to-end) with automated deployment pipelines across environments

Microsoft – Semantic Machines   Sep 2023 – Sep 2024   Seattle, WA
Senior Software Engineer

- Architected and maintained the evaluation and analytics pipeline for Microsoft Copilot, owning infrastructure design, metrics, and reporting; reduced pipeline runtime from multiple days to a few hours
- Delivered data tooling and reporting solutions for data science teams to track and validate Copilot quality at scale
- Designed metric calibration infrastructure to validate evaluation fidelity

Microsoft – Semantic Machines   Feb 2020 – Sep 2023   Seattle, WA
Software Engineer II

- Designed and delivered the full developer toolchain for a conversational AI SDK: VSCode extension with LSP support, CLI, and documentation
- Drove enterprise customer adoption by resolving integration blockers and shaping the API surface from real-world usage feedback
- Built CI pipelines, training pipeline optimization, and alerting infrastructure

Microsoft   June 2019 – Aug 2019   Cambridge, MA
Software Engineer Masters Intern

- Built a mobile app leveraging Microsoft Cognitive Services and neural image transformation to empower students to create AI-generated art, with a ReactJS community display exhibited in a major cultural institution

Bowers & Wilkins   June 2015 – June 2018   Redwood City, CA
Software Engineer

- Architected and delivered the audio source/sink manager and associated audio plugins (Spotify, Roon, AirPlay) powering the Formation Series (commercially shipped networked wireless speakers) under a strict sub-10-microsecond inter-device synchronization latency budget
- Built the application layer and SDK for a Broadcom VideoHub set-top box; delivered an IP camera discovery and media streaming engine; developed a hierarchical multi-process persistent data store