Nahom Nigussie

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Senior fullstack engineer shipping cloud-native apps, browser extensions, RPAs, and infrastructure automation in highly regulated industries (banking & healthtech). Solo built products used by 130,000 weekly active users. Associate experience award nominee and Tech-X award recipient for technical excellence and initiative.

SKILLS

Languages: Java, C, Python, TypeScript, Javascript, SQL, Shell, Terraform HCL, OpenTofu

Frameworks: React.js, node.js, FastAPI, Node.js, Next.js, REST/HTTP APIs, Playwright, PyTorch, Spring Boot

Cloud, Data, Infra: AWS, Azure, GitHub Actions/Jenkins, CI/CD, Docker, Postgres, Redis, Artifactory

Tools: Git, Linux, Jira, ServiceNow, Figma, VS Code, AI coding - Claude Code, Codex, Cursor, Devin), Github Copilot

EXPERIENCE

Capital One | McLean, VA 02/2017 – Present

Software Engineer – Fullstack | 06/2024 – Present

- Built and maintained a policy-as-code platform through OpenTofu Infrastructure as Code to enable versioned, secure, and tested policy updates to internal browsers and endpoints
- Developed and shipped internal tools for meeting automations, productivity, and security, reaching a combined 130,000 weekly active users
- Introduced Capital One's first architecture review process for Chromium extensions, creating reusable security/design guidelines now enforced across 100+ teams and all new browser-based tooling

Technical Product Owner | 10/2022 – 06/2024

- Led 0→1 launch of an internal IT support platform product used by 10+ teams, resulting in an 80% customer adoption and 4.5 NPS score in the first year
- Owned, researched, and prioritized the product backlog of 2 products, developing high-demand features and resolving impediments with stakeholders, driving 5,000+ hours / $100,000+ in annual savings and a 33% decrease in production incidents

PROJECTS

Casepanel by Aclera-AI - aclera-ai.com

HIPAA-compliant clinical reasoning, ambient scribing, and documentation harness for physicians built on Azure (private VNet, audit logging, RBAC) using React, Vite, FastAPI, and LLM context engineering

Scrub - aclera-ai.com/scrubs

Open-source, browser-local PHI redaction tool that strips the HIPAA Safe Harbor identifiers from clinical notes without upload, running a fine-tuned clinical BERT de-identifier in ONNX over a regex rule layer; 97.8% recall on ASQ-PHI (Adversarial Synthetic Queries for PHI) a 2,972-identifier benchmark

EDUCATION

University of Maryland | Adelphi, MD July 2026

BS, Computer Science, minor in Data Science – GPA 4.0