Dominic Damoah

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Summary

Applied AI engineer and six-time technical founder with 10 years shipping production systems: national banking platforms serving 3M+ customers, government infrastructure placing 500,000 students, and payment rails sustaining 1.5M requests/sec. I build agent products on the Claude Agent SDK, MCP, and OpenClaw, and deploy them inside customer environments. Webby Award for Responsible AI (2026); O1A extraordinary-ability visa.

Skills

AI & Agent Engineering: Claude Code, Claude Agent SDK, MCP servers & sub-agents, OpenClaw, multi-agent orchestration (LangGraph), RAG, prompt engineering, fine-tuning (LoRA), LLM evals & red-teaming, vector databases

Model & API Platforms: Anthropic API, OpenAI API, Hugging Face

Languages: Python, TypeScript, Golang, Rust, React

Cloud & Infrastructure: AWS, GCP, Docker, Kubernetes, Terraform, CI/CD

Domains: Fintech & payments, application security, developer tools, public sector

Experience

Dax (https://getdax.app) Jul 2026 – Present
Founder *San Francisco, CA, USA*

- Built Dax, a macOS command bar putting 21 AI and developer tools one keystroke away, cutting context-switching for engineers running several coding agents at once.
- Shipped Dax Shepherd, a supervisor that runs and monitors autonomous coding agents locally or over SSH, with permission gating and live session control.

Golem Security AI (https://usegolem.ai) Feb 2025 – Present
Founder & Chief Executive Officer *San Francisco, CA, USA*

- Built an adversarial evaluation harness that red-teams LLM-generated apps from Lovable, Rork, and Claude: agents probe auth flows, dependencies, and APIs, scoring findings against a reproducible severity rubric.
- Ran discovery directly with non-technical founders, translating security findings into plain-language remediation they could act on without hiring an engineer.

MoltPod AI (https://moltpod.com) Feb 2026 – Jul 2026
Co-Founder & Chief Technology Officer *San Francisco, CA, USA*

- **Customer: Venture Dock Accelerator.** Embedded with their team from discovery through production to ship event-intelligence AI.
- Architected a multi-tenant OpenClaw platform with per-tenant agent isolation, so each customer ran dedicated go-to-market agents on shared infrastructure.

HITL, Inc (https://hitl.sh) Jun 2024 – Feb 2025
Co-Founder & Chief Technology Officer *San Francisco, CA, USA*

- Built and shipped HITL, a human-approval and audit layer for autonomous AI agents, to 1,000+ customers; owned approval routing, escalation, and audit end to end.
- Work won a 2026 Webby Award for Best Responsible AI Implementation, in a category alongside Waymo and Cloudflare.

Best Parents Inc. (https://bestparents.com) Jan 2024 – Jun 2024
Chief Technology Officer *New York, NY, USA*

- Drove over $1 million in revenue by replacing manual operations with AI automations.
- Rebuilt a manually operated marketplace into one automated end-to-end.

Vie Inc. (https://vie.300mil.com) Nov 2022 – Jun 2024
Co-Founder & Chief Technology Officer *Austin, TX, USA*

- Co-founded a secured credit card startup on asset-based lending and architected the Vie Card payment infrastructure to 1.5 million requests per second sustained, integrated with card issuers and banking partners.

Vidcade by Tagg Inc (https://vidcade.300mil.com) Nov 2023 – Dec 2024
Co-Founder & Chief Technology Officer *Sugarland, TX, USA*

- Co-founded a daily game-show platform for teens with video uploads ranked by engagement, reaching 17,000 peak users.
- Led an infrastructure-as-code pipeline on GCP with scale-to-zero architecture, saving $60,000 annually.

Fidelity Bank Ghana Limited (https://www.fidelitybank.com.gh) Nov 2020 – Dec 2021
Senior Software Engineer, Solution Developer *Accra, Ghana*

- Delivered five production platforms for a national bank serving 3M+ customers: WhatsApp Banking, Merchant Payment Collections, API Connect, Customer Profiler, and Benefit Realization.
- Built the bank's WhatsApp Banking platform, moving retail customer service onto a conversational channel.

Government of Ghana, Ministry of Education (via BK Grand) Apr 2018 – Dec 2022
Forward Deployed Software Engineer *Accra, Ghana*

- Built and operated the national Computerized School Selection and Placement System (cssps.gov.gh), placing 500,000 students across all 800 public senior high schools nationwide; won a $200,000 government contract for the platform.
- Invited to Cabinet at Golden Jubilee House to advise the President of Ghana and his ministers on security for the national placement system (Sept 2019).

Stanbic Bank Ghana Limited (https://www.standardbank.com) Apr 2019 – Dec 2019
Software Consultant *Accra, Ghana*

- Embedded as an external consultant with Stanbic's GoDigital team, shipping internal and public-facing banking products on a compressed, bank-specific agile cadence.

Wyre Technologies LLC. (https://upay.at) Feb 2018 – Dec 2022
Lead Engineer *Accra, Ghana*

- Led development of upay.at, a payment processing platform letting Ghanaian merchants accept Mobile Money, VISA, and Mastercard.

Jibris On Demand Jul 2020 – Dec 2021
Lead Engineer *Accra, Ghana*

- Built a PaaS for on-demand Jitsi recording and live streaming, writing the VM provisioning and infrastructure automation in Golang.

Schrep, LLC. (http://schrep.info) Jun 2016 – Nov 2018
Lead Developer *Accra, Ghana*

- Led a team of 10 engineers building Schrep, a multi-tenant, enterprise-scale school management SaaS platform.

Open Source & Projects

OpenClaw | *Official contributor* (PR #1428) 2026

- Built the first Mattermost channel integration: bot API and WebSocket transport, state tracking, multi-account support, and delivery routing, shipped with docs and tests.

TrendOS Linux | *Maintainer* (https://trendoslinux.com)

- Security-hardened Linux distribution shipping a GRSECURITY-patched kernel and AppArmor, originating from graduate security research at KNUST.

EasyJitsi, **Cygen.js**, **super-download**

- Alternative Jitsi documentation (100+ GitHub stars); a Neo4j Cypher query generator for JavaScript; and an async download module published on npm.

Education

Purdue University - PhD Computer Science 2023
Research Interest: Space-based Data Centers *West Lafayette, IN, USA*

KNUST - MPhil Cyber Security 2021 – 2023
Thesis: Optimizing Neo4j Authentication using Zero-Knowledge Proofs in Graph Databases *Kumasi, GH*

Valley View University - BSc Information Technology 2012 – 2016
CGPA 3.96. Thesis: A Framework for Designing Visual Graph Query Builders in Graph Databases *Accra, GH*

Awards & Publications

Webby Award - Best Responsible AI Implementation 2026

- Won in a category alongside Waymo and Cloudflare, recognizing HITL's human approvals platform for AI agents.

O1A - Extraordinary Ability VISA 2024

- Approved by USCIS as a top 1% professional in technology entrepreneurship.

W3 Award (Silver) - Best Emerging Tech 2025

- Awarded Silver for studios.ddamoah.com in the Best Emerging Tech category.

Publication - A Survey Paper on Abstract State Machines and How It Compares to Z and VDM

- Co-authored survey on formal specification methods, published in European American Journals.