

JOHN AGYIRE SACKKEY

AI Engineer · Backend Engineer · Software Engineer · Agentic Security Expert

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Ghana (Open to Remote)

[My portfolio](#)

[My Github](#)

PROFESSIONAL SUMMARY

AI Engineer, Software Engineer and Agentic Security Expert with hands-on experience building AI-powered applications, automation systems, computer-use agents, and scalable full-stack solutions. Proficient across the stack — from backend APIs and developer tooling to robotics education and open-source AI infrastructure. Passionate about computer vision, intelligent automation, and responsible AI. Currently leading AI infrastructure development for international remote teams. I love linux.

CORE SKILLS & TECH STACK

Languages	Python · JavaScript (Node.js) · TypeScript · Bash · Shell script · Java · Rust · Go · PHP
Frontend	Next.js · React · HTML/CSS
AI / ML	LLM APIs · Anthropic Claude · Local AI Integrations · Computer Vision · AI Agents · RAG systems · Model Training and RHL Expert · Agentic Security
Backend	REST APIs · Automation · Microservices · Backend Architecture
Tooling	Git · Docker · CI/CD · OpenClaw and Custom tooling.
Robotics	Arduino · LEGO Mindstorms · Embedded Systems · PiKVM

WORK EXPERIENCE

Lead Software / AI Engineer | [WithGiga Inc — 300mil](#)
(Remote)

Aug 2025 – Present

- Leading development of AI infrastructure and physical computer-use agents for the PICUA open-source project, compatible with PiKVM hardware.
- Driving intelligent automation systems enabling remote AI-assisted machine interaction.
- Contributing actively to open-source AI engineering with a focus on real-world deployability.

Lead (Agentic Security Team) | [WithGiga Inc — 300mil](#)
(Remote)

Feb 2025 – Present

- Leading development of AI infrastructure and physical computer-use agents for the PICUA open-source project, compatible with PiKVM hardware.
- Driving intelligent automation systems enabling remote AI-assisted machine interaction.
- Contributing actively to open-source AI engineering with a focus on real-world deployability.

Senior Software / AI Engineer | [300mil \(Remote\)](#)

Aug 2025 – Present

- Leading development of AI-powered applications and automation pipelines using modern AI frameworks.
- Building and deploying scalable backend systems and developer tooling for production environments.
- Collaborating with cross-functional distributed teams on AI-assisted workflow systems.

Software / AI Engineer | [Human in the Loop \(HITL\) — 300mil \(Remote\)](#)

Dec 2025 – Feb 2026

- Developed human-feedback-driven AI systems and analytical admin tooling for AI workflow oversight.
- Assisted with AI pipeline optimization, evaluation frameworks, and quality testing.

Lead Software / AI Engineer | [EasyACP Team — 300mil \(Remote\) **Dead](#)

Nov 2025 – Jan 2026

- Led engineering decisions and coordinated software development tasks across the team.
- Oversaw implementation of AI-assisted workflows and backend system architecture.
- Contributed to the agentic Commerce protocol and built Easy ACP on it.

Software Engineer | [JTech Innovations Gh — Freelance \(Remote\)](#)

May 2023 – Jun 2025

- Developed and maintained full-stack web applications for multiple international clients.
- Built robust backend APIs and automation systems using Python, Go and Node.js.
- Improved application performance, code quality, and deployment workflows.

Junior Software Engineer | [300mil — CAL \(Remote\)](#)

Jul 2025 – Aug 2025

- Contributed to AI engineering and software development projects including developer tooling.
- Assisted in debugging, testing, and shipping new product features.

Robotics Instructor | [Inovtech STEM Center](#)

Nov 2024 – Mar 2025

- Taught robotics and embedded systems using Arduino and LEGO Mindstorms to secondary-level students.
- Guided students through hands-on engineering and programming projects.
- Contributed to STEM curriculum development and improvement.

Web Developer | [JTech Innovations Gh — Freelance \(Remote\)](#)

May 2020 – Feb 2023

- Delivered full-stack web development projects for clients across various industries.
- Designed and implemented curriculum improvements contributing to significantly higher student enrollment.

NOTABLE PROJECTS

PICUA AI — *World's First Physical Computer-Use AI Agent · Open Source*

- Built an open-source AI agent compatible with PiKVM enabling physical computer control and remote AI-assisted machine interaction.
- Focused on real-world deployment of autonomous AI agents for hardware-level automation.
- Repository: github.com/WithGiga/picua
- [PiCUA - AI Control Over Your Physical Computer](#)

OpenClaw Code — *AI-powered development environment inspired by Cursor IDE*

- Contributed to intelligent coding workflows, software architecture, and feature implementation.
- Built tooling to improve developer productivity through AI-assisted coding experiences.
- Repository: github.com/damoahdominic/occ

Pw-control – Most powerful browser use cli for agent.

- Built tooling to enable LLM and AI agents maneuver the internet efficiently.
- Enabled AI agents to drag and drop.
- Repository: [hijacker-mills/pw-control](https://github.com/hijacker-mills/pw-control)

IntelliQ AI — *AI Study Platform for student productivity*

- Built AI-enhanced tools for learning assistance and intelligent educational workflows.
- Focused on improving student productivity and outcomes through applied AI.
- Site : ai-intelliq.com

EDUCATION

BSc Computing Science — Artificial Intelligence & Machine Learning

Valley View University, Ghana

Jan 2025 – Aug 2028 (In Progress)

AWARDS & RECOGNITION

2026 Webby Award — People's Voice Winner · Best Responsible AI Implementation · *Human in the Loop (HITL)*

2024 2nd Place — Robotics Competition · *AIRTAD 2024*

2022–2024 Best IT Student — Three consecutive years · *Labone Senior High School*

REFERENCES

Dominic Damoah · CEO, 300mil · ceo@300mil.com

Additional references available upon request.