

PAUL WAWERU

SENIOR AGENTIC AI & SOFTWARE ENGINEER

AI Strategy | Agentic AI | AI Automation | AI Product Engineering | Solution Architecture | Mobile Engineering | SaaS Platforms | Digital Transformation | Product Strategy | Healthcare AI | Flutter | Next.js | NestJS | AI-First Products

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PROFESSIONAL SUMMARY

Senior software engineer and AI product leader with 7+ years of experience designing, architecting, and delivering AI-first software platforms, intelligent automation systems, SaaS products, and mobile applications. Proven record leading end-to-end product development across healthcare, sports, fintech, logistics, education, and enterprise software.

Delivered more than 20 production applications across Android, iOS, and web platforms, including contributions to ScoreStack, a platform exceeding 4 million downloads. Founder of Artebello, an AI-first product consultancy helping startups and organizations adopt Agentic AI, automate operations, and build scalable digital products.

Specializes in autonomous AI agents, Retrieval-Augmented Generation (RAG), LLM applications, workflow automation, multi-agent systems, cloud-native architectures, and product strategy. Recognized for bridging business strategy, product design, and engineering to transform ideas into commercially successful products.

EXECUTIVE ACHIEVEMENTS

- Delivered 20+ production mobile and web applications across healthcare, fintech, sports, logistics, SaaS, and enterprise sectors.
- Led engineering for ScoreStack, contributing to a platform with more than 4 million downloads.
- Founded Artebello, an AI-first consultancy focused on Agentic AI, intelligent automation, and digital transformation.
- Designed autonomous AI agents for healthcare, enterprise knowledge management, customer support, and workflow automation.
- Architected AI-native platforms using LLMs, RAG, vector databases, MCP, LangGraph, and modern cloud infrastructure.
- Led product architecture, UI/UX, and engineering from concept through deployment for startups across multiple industries.
- Certified in Artificial Intelligence for Healthcare, AI Agents, Agentic AI with LangGraph, Multimodal AI, and Vector Databases for RAG.

EXECUTIVE LEADERSHIP EXPERTISE

- **AI Engineering & Intelligent Systems:** Agentic AI | AI Agents | LLM Applications | Multi-Agent Systems | Retrieval-Augmented Generation | MCP | Prompt Engineering | AI Automation | Conversational AI
- **Software Engineering & Architecture:** Solution Architecture | System Design | Mobile Engineering | SaaS Development | API Design | Cloud Architecture | Technical Leadership
- **Product & Innovation:** Product Strategy | Product Discovery | Startup Consulting | Digital Transformation | UI/UX Design | AI Readiness | Go-to-Market Strategy

- **Leadership:** Engineering Leadership | Client Engagement | Stakeholder Management | Agile Delivery | Cross-Functional Leadership | Project Management

STRATEGIC CAPABILITIES

AI Platforms: OpenAI, Claude, Gemini, LangGraph, LangChain, MCP, RAG, Vector Databases

Frontend: Flutter, FlutterFlow, Next.js, React, TypeScript, Tailwind CSS

Backend: NestJS, Node.js, PostgreSQL, Supabase, Redis, Firebase

Cloud & DevOps: Vercel, DigitalOcean, Cloudflare, GitHub Actions, Docker

Industries: Healthcare, AI, SaaS, Sports Technology, Education, FinTech, Logistics, Enterprise Software

PROFESSIONAL EXPERIENCE

Founder & Lead Software Engineer | Artebello | Jan 2025 - Present

Scope: Founder of an AI-first product consultancy delivering intelligent software, Agentic AI solutions, AI readiness consulting, and digital transformation services for startups and growing businesses.

Key Contributions

- Founded and scaled an AI-first engineering consultancy focused on building production-ready AI products.
- Designed and deployed autonomous AI agents capable of reasoning, planning, and executing business workflows.
- Built AI-powered SaaS platforms leveraging LLMs, Retrieval-Augmented Generation (RAG), Model Context Protocol (MCP), vector databases, and workflow automation.
- Led product strategy, solution architecture, UI/UX design, software engineering, deployment, and long-term product evolution.
- Advised founders on AI adoption, product-market fit, technical architecture, and go-to-market strategy.
- Delivered modern web platforms, mobile applications, and AI-powered internal systems for clients across multiple industries.

Lead Software Engineer | Zeon Inc. | Nov 2024 - Dec 2025

Scope: Engineering lead responsible for healthcare AI platforms serving medical education and hospital operations.

Major Products

Naya: Agentic AI assistant designed to support hospitals through intelligent workflow automation, clinical knowledge retrieval, scheduling assistance, and operational decision support.

Medyfy: Medical education platform delivering adaptive learning, intelligent assessments, analytics dashboards, and examination management for healthcare professionals.

Key Achievements

- Led architecture and development of AI-enabled healthcare platforms.
- Integrated autonomous AI agent frameworks into clinical workflows.

- Built scalable APIs and cloud infrastructure supporting enterprise healthcare applications.
- Worked alongside healthcare professionals to translate operational requirements into intelligent software solutions.
- Delivered secure, scalable, and user-centric applications supporting medical education and hospital efficiency.

Senior Software Engineer | Orion Omnis | 2019 - 2024

Scope: Led architecture and development of software products for startups and enterprise clients across multiple industries.

Highlights

- Delivered software solutions spanning mobile, web, cloud, and backend systems.
- Designed scalable architectures supporting long-term product growth.
- Worked directly with founders to transform business ideas into production-ready software.
- Integrated third-party platforms, payment systems, analytics, and enterprise APIs.
- Led engineering teams while maintaining high standards for quality, performance, and maintainability.

SELECTED PRODUCT PORTFOLIO

Healthcare AI

- Naya: Agentic AI assistant for hospitals supporting clinical operations, knowledge retrieval, workflow automation, and decision support.
- Medify: AI-powered medical education platform for students, educators, and healthcare institutions.

Artificial Intelligence

- AI Readiness Platform: Enterprise AI maturity assessment helping organizations evaluate AI readiness and develop adoption roadmaps.

AI Automation Solutions

- Autonomous agents for customer support, operations, internal knowledge management, and business process automation.

SaaS Platforms

- The Contractors Toolbox: Construction management platform including RAMS, COSHH, inspections, compliance, and workforce management.
- CIVICORE: Political campaign and election management platform built for candidates and political organizations.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- IBM | Agentic AI & Generative AI
- Google | Project Management
- SkillUp | Healthcare Artificial Intelligence
- Neo4j | Graph Database Fundamentals & Data Modeling

Key Areas: Agentic AI | AI Agents | MCP | RAG | Vector Databases | LangChain | LangGraph | Generative AI | Healthcare AI | Project Management | Healthcare AI | GraphQL

EDUCATION

Bachelor of Science, Computer Science
Dedan Kimathi University of Technology (2015 – 2019)

LANGUAGES

English - Native
French- Basic
Swahili – Native

REFERENCES AVAILABLE ON REQUEST