

PAUL OGUTU ODHIAMBO

Software Engineer | Founder & CEO | Full-Stack Developer

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PROFESSIONAL SUMMARY

Results-driven Software Engineer and Entrepreneur with 1+ years of experience building production-ready applications. Founder and CEO of Rumia Technologies Ltd, a hostel and rental management platform serving the Kenyan student market. Expert in full-stack development, AI automation, and scalable system architecture. Proven track record of delivering high-impact solutions with 10+ completed projects and measurable business results. Passionate about leveraging technology to solve real-world problems.

TECHNICAL SKILLS

Programming Languages	JavaScript, TypeScript, Python, HTML5, CSS3
Frontend Technologies	React, Next.js 16, React Native, Expo, Tailwind CSS, Material-UI, Zustand, React Query
Backend Technologies	Node.js, Django 5, FastAPI, Express.js, RESTful APIs, WebRTC
Databases	PostgreSQL, MongoDB, Redis, Database Optimization, pgvector
AI & Automation	LangChain, Groq AI, Vercel AI SDK, Chatbot Development, Agentic Workflows, NLP
Tools & DevOps	Git, GitHub, Vercel, Docker, CI/CD, Testing Frameworks, Webpack, Cloud Deployment

PROFESSIONAL EXPERIENCE

Co-Founder & CEO

Rumia Technologies Ltd | Nairobi, Kenya | 2025 - Present

- Founded and lead a hostel and rental management SaaS platform serving the Kenyan student housing market with focus on rent tracking, occupancy management, and payment automation
- Drive end-to-end product strategy, MVP development, and market positioning while managing cross-functional teams
- Spearhead development of RumiaStore marketplace integration serving university students across Kenya
- Achieved successful platform launch with 10+ completed projects and 5+ satisfied customers within first year

Software Engineer (Product Development)

Rumia Technologies Ltd | Nairobi, Kenya | 2025 - Present

- Architect and develop production-grade React applications using Next.js 16, Tailwind CSS 4, Zustand, and React Query with emphasis on scalability and performance
- Design and implement modular UI systems under 'Living Campus' framework ensuring maintainability and code reusability
- Build comprehensive SEO foundations and identity-linked workflows resulting in enhanced platform visibility and user engagement

- Integrate AI-powered customer support chatbots and automated workflows improving operational efficiency by 40%

Freelance Software Developer

Independent Consulting | Remote/Nairobi, Kenya | 2024 - Present

- Deliver custom AI-powered solutions including intelligent chatbots, automation tools, and full-stack applications for diverse clientele
- Architected and deployed intelligent customer support chatbot for Kewasnet featuring real-time knowledge base integration and NLP capabilities, reducing support workload by 60%
- Developed AI-powered task management system with automated workflow prioritization using FastAPI and Redis caching
- Maintain 100% client satisfaction rate through quality-focused delivery, clear communication, and adherence to project timelines

KEY PROJECTS

Rumia Technologies Platform | *Hostel & Rental Management SaaS*

Technologies: Next.js, React, Zustand, Django 5, PostgreSQL, React Query, Tailwind CSS

- Built scalable full-stack platform serving as operational backbone for student housing management in Kenya
- Implemented automated rental workflows, payment routing, and student-centric marketplace features
- Designed responsive architecture supporting future expansion across multiple universities

Kewasnet AI Customer Support Chatbot | *AI Automation*

Technologies: Python, Django 5, PostgreSQL, pgvector, LangChain, React, Next.js

- Architected intelligent chatbot with real-time knowledge base integration and context-aware response generation
- Implemented advanced NLP capabilities using LangChain and pgvector for semantic search and retrieval
- Reduced customer support response time by 70% while maintaining 95% accuracy rate

FastAPI Task Management AI | *Productivity Automation*

Technologies: Python, FastAPI, React, AI Agentic Workflows, Redis

- Developed high-performance task management system with AI-powered workflow prioritization and automation
- Implemented Redis caching layer achieving sub-100ms response times for real-time task operations
- Demonstrated advanced backend architecture with agentic task handling and intelligent decision-making

EDUCATION

Bachelor of Science in Computer Science

Dedan Kimathi University of Technology (DeKUT) | Nyeri, Kenya | Aug 2025 - Present

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Database Systems, Computer Networks, Software Engineering

Self-Taught Software Developer

Independent Study & Continuous Learning | 2024 - Present

- Achieved advanced proficiency in React, frontend architecture, SEO engineering, and systems thinking through structured self-learning
- Built portfolio of production-ready applications including Python CLI tools and complex full-stack web applications

ACHIEVEMENTS

- Founded and scaled Rumia Technologies Ltd from concept to market-ready platform with paying customers
- Successfully delivered 10+ production-grade projects with 100% client satisfaction across multiple industries
- Demonstrated 90%+ technical proficiency in JavaScript/TypeScript and React/Next.js ecosystem
- Built AI automation systems achieving measurable efficiency improvements (40-70% reduction in manual work) for clients

LANGUAGES

English: Fluent (Professional Working Proficiency)

Kiswahili: Native