

Uche Mukolo

Product Engineer | Full-Stack Engineer | Technical Product Manager

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PROFESSIONAL SUMMARY

Product Engineer with 6+ years writing production code and 2+ years owning product roadmaps, operating fluently on both sides of the build-versus-define divide. I have shipped full-stack applications at scale (Coursera, 200M+ users; Bantu Blockchain, 87K users, \$23M+ transactions) and separately owned end-to-end product delivery across fintech, healthtech, and AI platforms. Currently building NeuroCare AI as both lead engineer and product owner, a behavioural intelligence platform for UK care homes. I prototype and deliver fast using AI-assisted development tools including GitHub Copilot, Claude Code, Kiro, Lovable, and V0, compressing what used to take a sprint into a day.

CORE SKILLS

Engineering: React, Next.js, TypeScript, JavaScript, Node.js, Express, HTML, CSS, Tailwind CSS

Data and Backend: PostgreSQL, Prisma, REST APIs, tRPC, GraphQL, Docker, Linux, SQL

Testing: Jest, Vitest, Cypress, Playwright, React Testing Library, Selenium

AI-Assisted Development: GitHub Copilot, Claude Code, Kiro, Lovable, V0 — rapid prototyping and spec-driven delivery

Product and Delivery: PRD writing, roadmap ownership, user story mapping, UAT, Agile, sprint planning, Jira, Figma

Solution Engineering: Technical problem solving, requirements scoping, data analysis, stakeholder communication, process flows

Accessibility: WCAG 2.1, Axe, Lighthouse, BrowserStack, VoiceOver, custom ESLint rules

WORK EXPERIENCE

Product Engineer and Co-Founder

NeuroCare AI | January 2026 - Present | UK, Remote

Wearing both hats simultaneously — sole engineer and product owner building a behavioural intelligence platform for UK care homes from zero to MVP, using AI-assisted development throughout.

- Accomplished full-stack platform delivery from concept to production as measured by a working MVP live on Vercel, by owning both product definition (user stories, acceptance criteria, specs) and technical implementation across Next.js 14, TypeScript, Tailwind CSS, PostgreSQL, and Prisma.
- Accomplished GDPR and DSPT compliance by design as measured by audit-ready data architecture, by translating regulatory requirements directly into technical controls — bridging product compliance and engineering implementation.
- Accomplished fast structured delivery as measured by consistent progress against a two-month roadmap, by using Kiro and Claude Code for spec-driven development — turning stakeholder requirements into implementation tasks before a single line of code was written.
- Accomplished rapid prototyping of product concepts as measured by same-day validated prototypes, by leveraging Lovable and V0 alongside GitHub Copilot to compress design-to-build cycles significantly.

Data Annotation Specialist & QA Lead (Contract)

Truss — AI Fashion Platform | December 2024 - November 2025 | Remote

Fashion AI data labelling platform for computer vision model training, serving global retail clients including Burberry and Nike

- Managed a team of offshore annotators — owned onboarding, structured training, QA of output, and ongoing coaching to improve accuracy across complex fashion taxonomy
- Designed and developed brand learning resources, assessment questionnaires, and annotation documentation used across the team
- Led category onboarding sessions (bold colours, sneaker styles, streetwear classification) to align the offshore team on new client requirements
- QA-reviewed 50,000+ garment and sneaker listings against defined ML taxonomies; personal QA workflow recognised by team lead as the team benchmark
- Contributed to AI-assisted annotation workflows using prompt engineering to improve consistency and reduce classification errors

- Served as a primary QA resource alongside team lead; identified for flexibility across annotation and QA tasks

Product Owner (Contract)

Kiki — Family Organisation App | June 2024 - December 2024 | Southampton, UK

Owned product roadmap and delivery for a family activity management app, working directly with engineers and designers.

- Accomplished improved usability scores as measured by structured UAT feedback cycles, by translating user research insights into prioritised backlog items and coordinating QA cycles with designers and engineers.
- Accomplished on-time feature delivery as measured by sprint completion rate, by balancing feature scope with technical feasibility and making the product versus engineering trade-off calls that define effective product ownership.

Technical Product Manager (Contract)

Winnov8 | November 2023 - November 2024 | Remote

Delivered SwissPay — a mobile-first tap-to-pay fintech solution — and three connected MVPs for a talent ecosystem, acting as the bridge between engineering, compliance, and commercial stakeholders.

- Accomplished successful go-to-market delivery of SwissPay as measured by a working SoftPOS and FX-linked payment product ready for customer onboarding, by defining MVP scope, managing vendor integrations, coordinating compliance sign-off, and writing PRDs and process flows that kept a distributed engineering team aligned.
- Accomplished a 25% improvement in delivery predictability as measured by sprint velocity and milestone adherence, by producing structured technical documentation and process flows that reduced ambiguity across engineering, compliance, and product teams.
- Accomplished platform interoperability across three connected MVPs as measured by unified API contracts and shared data models, by aligning multiple engineering roadmaps into a single coherent platform vision.
- Accomplished regulatory and payment security compliance as measured by adherence to GDPR and payment security standards, by partnering with compliance and engineering teams to embed controls into product architecture from day one.

Frontend Engineer

UMed — Clinical Research Platform | January 2023 - October 2023 | London, UK

Built production web applications for a regulated healthtech platform, working across clinical, product, and engineering teams.

- Accomplished a 20% increase in user engagement as measured by platform analytics, by rebuilding key interaction flows using React and TypeScript with a focus on performance, usability, and reliability.
- Accomplished consistent platform stability as measured by zero regressions across quarterly releases, by implementing unit and end-to-end test coverage using Jest and Cypress.
- Accomplished improved team code quality as measured by faster onboarding and reduced bugs in review, by conducting code reviews and mentoring junior developers.

Frontend Developer — placed via Andela

Coursera | November 2020 - September 2022 | USA, Remote

Accessibility-specialist engineer on one of the world's largest online learning platforms, 200M+ users.

- Accomplished platform-wide WCAG 2.1 accessibility compliance as measured by passing third-party audits across all major Coursera pages, by leading a systematic audit-and-fix programme using Axe, Lighthouse, and BrowserStack.
- Accomplished a permanent reduction in accessibility violations as measured by near-zero ESLint flagging in new code, by scripting custom ESLint rules embedded directly into developer tooling — solving the problem at the systems level rather than through manual review.
- Accomplished platform consistency across product teams as measured by adoption of a shared component system, by building and maintaining an accessible, reusable component library.
- Implemented skip-to-main-content and keyboard navigation improvements that were adopted platform-wide, enabling access for keyboard-only and assistive technology users at global scale.

Founding Product Engineer (Part-time)

Bantu Blockchain Foundation | June 2020 - December 2022 | Remote

One of the founding engineers on a decentralised blockchain ecosystem that grew to 87,000+ users across 147 countries processing \$23M+ in transactions — combining engineering and product thinking from day one.

- Accomplished platform growth to 87,000 users as measured by transaction volume exceeding \$23M, by designing and building the full UI for Timbuktu (a peer-to-peer decentralised exchange) and Harambee (a DeFi staking platform) from zero to production.
- Accomplished consistent product quality across multiple concurrent platforms as measured by stable uptime through rapid growth, by maintaining a shared design language and contributing to CI/CD pipeline improvements for faster, safer deployments.
- Accomplished team capability growth as measured by reduced onboarding time for new engineers, by mentoring junior frontend engineers and enforcing best practices in code quality, UI/UX design, and testing.
- Collaborated with product designers and backend engineers to define and implement features — operating at the intersection of product ownership and engineering delivery.

Frontend Developer — placed via Andela

Jitjatjo — Staffing Marketplace | May 2019 - October 2020 | New York, USA, Remote

AI-powered staffing marketplace connecting businesses with contingent labour — distributed team across Europe, US, and Australia.

- Built single-page application features in React, translating UX wireframes into responsive, interactive interfaces and developing reusable component architecture.
- Applied TDD throughout — unit, integration, and end-to-end tests — maintaining code quality standards in a fast-moving remote team across three time zones.

Software Engineer

Andela | September 2018 - Sept 2022 | Lagos, Nigeria

Full-stack engineer at Andela — a talent accelerator placing African engineers with global technology companies. Client placements (Coursera, Jitjatjo) listed separately above.

- Accomplished a 30% reduction in operational costs as measured by finance team reporting, by contributing to an internal asset management platform built on Node.js, PostgreSQL, and React — replacing manual tracking processes across all Andela offices.
- Developed an internal event management and aggregation platform unifying events from all Andela office locations into a single system — a data analytics and systems integration challenge solved with Node.js and React.

Pre-Sales Engineer

Cobranet Limited | 2014 to 2018 | Lagos, Nigeria

Customer-facing pre-sales engineering at an internet service provider, working alongside the sales team to win and onboard enterprise clients across Nigeria.

- Delivered product demonstrations to enterprise prospects, translating technical capabilities into business value and adapting presentations to both technical and non-technical audiences.
- Wrote technical proposals and responded to RFPs, scoping solutions and architectures tailored to each customer's requirements and environment.
- Built proof of concept solutions to validate technical fit before full deployment, reducing risk for both the customer and the sales team.
- Worked closely with the sales team throughout the deal cycle, providing technical qualification, handling objections, and preparing quotes and commercial proposals.
- Managed customer onboarding after contract close, ensuring smooth handover from sale to live deployment and maintaining the relationship through the transition.

Technical Support Engineer

Cobranet Limited | April 2013 - December 2016 | Lagos, Nigeria

Customer-facing technical support — direct experience in the problem solving, communication, and escalation management that Solution Engineering and customer-facing technical roles require.

- Accomplished consistent resolution of complex customer technical issues as measured by CRM-tracked SLA adherence, by providing one-on-one technical problem solving and coordinating between customers and field operations teams to prioritise and resolve issues efficiently.
- Accomplished full audit traceability of all customer interactions as measured by complete CRM records, by logging every client transaction and technical resolution — building the habit of documentation and data accuracy under pressure.

NOTABLE PROJECTS

NeuroCare AI (neurocareai.co.uk): Behavioural intelligence platform for UK care homes. Full product and engineering ownership. Stack: Next.js, TypeScript, PostgreSQL, Prisma, Vercel.

SwissPay: Mobile-first tap-to-pay fintech product. Led MVP scoping, vendor integration, compliance coordination, and go-to-market delivery for Winnov8.

BantuPay (bantupay.org): Digital asset wallet serving 87,000+ users across 147 countries.

Timbuktu (timbuktu.exchange): Peer-to-peer decentralised exchange for trading digital assets.

Harambee (stake.bantupay.org): DeFi staking platform — lock crypto holdings to earn interest and rewards.

EDUCATION AND CERTIFICATIONS

AI/ML Product Management — ELVTR

CSPO — Certified Scrum Product Owner — Scrum Alliance

Certificate in IT — BCS, The Chartered Institute for IT

BSc Microbiology — Babcock University

UK Global Talent Visa holder | Available immediately | Open to remote and hybrid roles across UK