

CHUKWUDUBEM OSEGBE

Software & Infrastructure Engineer | MSc AI & Automation, University West

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PROFILE

Full-stack software engineer based in Sweden, pursuing an MSc in AI and Automation at University West and transitioning toward AI/ML engineering roles. Builds production web and mobile applications across React, Next.js, React Native, TypeScript and API-driven architectures, backed by experience in enterprise Linux/Windows Server administration, VMware infrastructure and disaster recovery, plus a growing foundation in Python and machine learning from ongoing Master's study. Open to part-time, contract and remote roles in Sweden alongside full-time studies.

CORE SKILLS

Software Engineering: React Native, Expo, TypeScript, React, Next.js, REST/API integration, responsive web and mobile application development

Machine Learning & Data: Python, NumPy, pandas, scikit-learn, deep learning foundations, industrial automation and control systems (MSc coursework)

Infrastructure & Systems: RHEL / Enterprise Linux, Windows Server, Linux administration, patching, access control, security hardening, troubleshooting

Virtualization & Reliability: VMware vSphere/ESXi, vCenter, VM support, resource monitoring, high availability, disaster recovery

PROFESSIONAL EXPERIENCE

Enterprise Server Administrator | Fidelity Bank PLC

May 2023 - Nov 2026 | Lagos, Nigeria

- Supported business-critical RHEL/Enterprise Linux and Windows Server environments with high availability, security and operational continuity requirements.
- Administered and troubleshot RHEL/Enterprise Linux, Windows Server and VMware vSphere/ESXi/vCenter environments, including VM provisioning, patching, access control and system hardening.
- Supported disaster recovery and controlled infrastructure changes, diagnosing production incidents across operating systems, virtualization, storage and connectivity with an emphasis on service restoration.

Mobile Application Developer - Contract | Citizen Monitors

Mar 2026 - Present | Remote

- Develop the production mobile application for a civic-tech platform supporting election monitoring, incident reporting and access to electoral information.
- Build core application flows with React Native, Expo and TypeScript, including authentication, onboarding, account management and reporting workflows.
- Implement media-based evidence submission, offline-aware behavior and resilient user-feedback states, and develop reusable, accessible UI components in collaboration with product and technical stakeholders.

Mobile Application Developer - Contract | Yunité (Banking for Couples)

Mar 2023 - Oct 2023 | Remote

- Developed responsive cross-platform mobile interfaces using React Native and TypeScript.
- Collaborated with backend engineers to integrate APIs and ensure reliable data flow across application features.
- Built reusable, maintainable UI components and optimized application performance across devices and screen sizes.

Lead Frontend Developer | Subshare Inc.

Sep 2022 - Aug 2023 | Remote, Nigeria

- Led frontend development for a subscription-management platform across responsive web and mobile experiences.
- Architected reusable frontend components and application structures to improve maintainability and scalable feature delivery.
- Mentored junior developers, conducted code reviews, and collaborated with product, design and backend teams to translate requirements into practical, well-tested solutions.

PROJECTS

- Ugwo** - private IOU/debt tracker, end-to-end encrypted (React Native, Node.js, PostgreSQL). play.google.com/store/apps/details?id=com.nippysky.ugwo
- Aku** - personal finance tracker: budgeting, bills, savings goals (React Native, TypeScript). play.google.com/store/apps/details?id=com.nippysky.aku
- Trustworthy AI Prototype Lab** - Python/Django self-assessment tool for trustworthy-AI evaluation with a dynamic, evidence-backed questionnaire engine. github.com/nippysky/Trustworthy-AI-Prototype-LAB
- Decentroneum Wallet** - multi-chain wallet and dApp browser for the Electroneum blockchain ecosystem (TypeScript). github.com/nippysky/Decentroneum-Wallet

EDUCATION

Master in AI and Automation (60 ECTS) - Ongoing | University West

2026 - 2027 | Trollhättan, Sweden | Second-cycle programme, Production Technology

Master of Science (MSc), Information Technology | Valparaiso University

2020 - 2022 | Indiana, USA | GPA: 4.0/4.0, Best Graduating Student, VC Award for Academic Excellence (3x)

Bachelor of Engineering (B.Eng.), Electrical/Electronic Engineering | Madonna University

2013 - 2018 | Nigeria | Grade: 4.21/5.0

Certifications: Microsoft Azure Fundamentals (AZ-900).