

# Michael Okoyenta

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## AI Full-Stack Engineer

Results-driven AI Full-Stack Engineer with 3+ years of experience building scalable web applications and AI-powered solutions. Proven ability to deliver secure, high-performance products across fintech, SaaS, e-commerce, and analytics platforms. Proficient in React.js, Next.js, Express.js, FastAPI, and Flask, with expertise in integrating LLMs, AI APIs, payment systems, RESTful APIs, and MySQL/PostgreSQL databases.

## Contact

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## Education

### NNAMDI AZIKIWE UNIVERSITY, NIGERIA

Bachelor of Agriculture in Agric. Science/Soil Science and Land Resources Management  
Oct 2016 – Dec 2021

## Experience

### FULL-STACK SOFTWARE ENGINEER APPETY, LTD.

Nov 2025 - present

- Reintegrated payment services across POS, kiosk, digital menu, and delivery platforms using Express.js, GraphQL, Redis, and PostgreSQL, improving payment success rates to **99%**.
- Developed and enhanced Appety Kiosk app and delivery menu site applications with React.js and Next.js, improving platform performance and streamlining the ordering experience for thousands of users.
- Managed cloud infrastructure on DigitalOcean and Namecheap using Docker and Portainer, reducing deployment time by **60%** and improving system reliability.
- Built and integrated payment terminal solutions using Kotlin and Next.js, enabling secure real-time transaction processing between payment devices and cloud services.
- Maintained and optimized backend services with Node.js, Express.js, GraphQL, REST APIs, Redis, and PostgreSQL, improving API response times by **35%** and supporting high-availability production systems

### FRONTEND ENGINEER DEEMPAY TECHNOLOGY LTD.

Apr 2024 – Jun 2026

- Developed a no-code web builder using **Next.js** and **Craft.js**, enabling merchants to launch online stores in minutes and reducing website setup time by **80%+**.

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## Skills

React.js, Next.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS

Node.js, Express.js, Python, FastAPI, Flask, REST APIs, MySQL, MongoDB, PostgreSQL

- Built a real-time e-commerce analytics dashboard, delivering sales, inventory, and order insights that empowered merchants to make data-driven decisions and manage business operations more efficiently.
- Contributed to the development of a SaaS e-commerce platform using **Next.js** and **Tailwind CSS**, supporting **hundreds of merchants** in creating and managing accessible online stores.
- Engineered a crowdsourcing platform that connected organizations with a global network of contributors, helping onboard **hundreds of organizations** and **thousands of users**.
- Developed scalable e-commerce solutions that expanded clients' digital presence, increasing customer reach and improving online shopping experiences.
- Collaborated with cross-functional teams to deliver high-impact web applications using **React.js**, **Next.js**, **Tailwind CSS**, REST APIs, and modern frontend engineering practices.

#### **SOFTWARE ENGINEER INTERN DEEMPAY TECHNOLOGY LTD.**

Apr 2023 - May 2024

- Revamped a fintech payment dashboard, improving usability, performance, and workflow efficiency, resulting in a faster and more intuitive experience for teams.
- Collaborated with other teams to deliver high-impact web applications using **React.js**, **Next.js**, **Tailwind CSS**, REST APIs, and modern frontend engineering practices.

#### **DATA SCIENCE & DATA ANALYTICS INTERN THE SPARK FOUNDATION**

Feb 2023 - March 2023

- Developed an end-to-end **Real Estate Price Prediction** machine learning solution using **Python** and **Scikit-learn**, evaluating multiple algorithms and selecting **Decision Tree Regression** as the best performing model for accurate property valuation predictions. Deployed the application on **AWS EC2**.
- Built a **Loan Approval Prediction** system using **Python**, **Scikit-learn**, and **Linear Regression**, enabling automated risk assessment and data-driven lending decisions, reducing manual evaluation efforts and improving decision-making efficiency.
- Leveraged cloud deployment, data preprocessing, and model optimization techniques to deliver production-ready machine learning applications from development through deployment.