

TEMITAYO DAISI-OSO

Software Engineer | PMP | Full-Stack

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 Lagos, Nigeria

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PROFESSIONAL SUMMARY

Innovative Software Engineer and Technical Project Manager with hands-on experience delivering scalable, secure, and user-centric digital products across government, health-tech, fintech, blockchain, and media sectors. Proven track record leading full-stack development, backend architecture, DevOps automation, and cross-functional teams on high-impact projects. Strong background in Electrical & Electronics Engineering, with a pragmatic, execution-driven approach to system design, performance optimization, and cost efficiency across the product lifecycle.

CORE SKILLS

- Full-Stack Software Engineering
- Backend Architecture & Database Design
- API Development, Integration & Validation
- DevOps, Automation & CI/CD Scripting
- Agile Project & Product Management
- UI/UX Design & Design-to Code Workflows
- Cloud Deployment, Hosting & Infrastructure Migration
- Blockchain and Smart Contract Development

WORK EXPERIENCE

Jul 2025 - Jan 2026

Lagos State Informal Space Management Authority, Nigeria.

Project Manager & Lead Engineer

Role Overview

Recently orchestrated and built a robust frontend web app as part of a full-stack digital web portal for a state-level digital transformation project, meant for public-facing users in Lagos State. Built the React frontend using Vite with Typescript and CSS languages.

Key Responsibilities

- **Agile Project Management:** Provided PRD and TDD documents to team based on approved stakeholder meetings.
- **User-centric Approach:** Storyboarded User Journeys and crafted User Stories for user-centric approach
- **UI/UX Design:** Designed user interfaces using Figma with responsiveness and usability at the core.
- **Database Management:** Designed the Entity Relation Map (ERM) to bolster efficient data storage and retrieval for a relational database.
- **DevOps & Automation:** Wrote scripts for automating tasks, reducing time-to-deploy by **70%**.
- **Deployment & Hosting:** Handled deployment and hosting responsibilities, ensuring platform uptime and reliability.

Key Achievements

- Engineered a seamless design-to-code flow, accelerating UI implementation cycles by **55%**.
- Delivered scalable and dynamic frontend architecture that supports continued development.
- Deployed frontend application to Hostinger.
- Wrote deploy and fix scripts, that reduced time-to-deploy by **70%**.

Role Overview

Joined the project mid-development to restructure and align the backend with frontend requirements. Focused exclusively on backend engineering tasks, optimizing database structure and data flow.

Key Responsibilities

- **Backend Restructuring:** Redesigned the backend architecture using PostgreSQL and Prisma schema to ensure seamless integration with the frontend.
- **Data Validation:** Implemented robust body validation parsers to maintain data integrity and prevent corruption.
- **AI Integration:** Integrated AI-driven content generation to dynamically populate the database with updated information.
- **Migration and Deployment:** Managed the migration of the backend from one VPS to another, ensuring zero data loss and minimal downtime.
- **DevOps & Automation:** Created deployment scripts to streamline updates from local development to production environments.
- **Tax Calculator:** Developed a German tax calculator and laid the groundwork for future country-specific tax tools.

Key Achievements

- Reduced AI prompting costs by approximately **77%** optimizing resource usage.
- Seeded PostgreSQL database with AI generated content for up to **250** countries efficiently.
- Ensured **100%** data preservation during migration, eliminating potential data loss.
- Developed a dynamic backend for streamlining data retrieval and population reducing manual intervention by **100%**.

Aug 2024 - Sep 2024

Ticquette LLC, Lagos, Nigeria

Founder & Chief Executive Officer

Role Overview

Spearheaded the conceptualization, engineering, and development of a blockchain dapp that mints a Kiosk Space object into a simple NFT object, persists its metadata and Auto-Lists the NFT on OpenSea for sale or auction.

Key Responsibilities

- **Hackathon Ideation:** Conceived and designed the product and its Unique Value Proposition for a hackathon.
- **Project Planning:** Designed entire backend infrastructure and interaction with smart contract layer.
- **Backend & Smart Contract Development:** Developed express backend and solidity smart contract to mint and persist Ticquette NFTs.
- **API Development:** Implemented CRUD operations to store NFT Metadata
- **Database & IPFS:** Utilized Pinata SDK to pin NFT Metadata. Obtained metadata cid for referencing metadata on IPFS.

Key Achievements

- Reduced overall project costs by **100%** through strategic implementation of open-source and free solutions.
- Successfully built scalable backend API and smart contract handling pinning NFT metadata, article posting from backend, data caching, and other useful features.
- Implemented **Auto-Listing** for successfully minted **Ticquette NFTs** on OpenSea eliminating the need for manual listing.
- Finished as one of the best projects in the Hackathon and partook in pool prize.

Sep 2024 - Nov 2024

LetsRock Media, Tuttlingen, Germany

Technical YouTube Scriptwriter

Role Overview

Crafted engaging, data-driven YouTube scripts and streamlined the content production pipeline for a digital media brand, directly contributing to sustained audience growth and retention.

Key Responsibilities

- Research & Writing:** Researched and authored scripts tailored to targeted audience demographics and channel tone.
- Data Analytics:** Analyzed engagement metrics (likes, shares, comments) to refine content direction.
- System Automation & Workflow Optimization:** Developed internal tools to automate and optimize script ideation and delivery workflows.
- Consistent Delivery:** Maintained a rigorous delivery schedule to meet content deadlines consistently.

Key Achievements

- Boosted viewer retention and engagement by **60%** through analytical storytelling techniques.
- Enhanced production efficiency by **33%**, reducing content turnaround time without sacrificing quality.

Dec 2024 - Present

Xeventy2.0 Health Limited, Lagos, Nigeria

Chief Technology Officer & Lead Engineer

Role Overview

Currently leading the development and deployment of a data-secure and interoperable EMR system. Focusing on data-privacy, data-security and responsive design across multiple devices, including desktop, tablet, and mobile platforms.

Key Responsibilities

- Project Management:** Spearheading the planning and execution of multiple application suites for the digital health company.
- Product Design:** Creating UI/UX designs for multi-device compatibility, focusing on enhanced responsiveness
- Landing Page:** Developed UI/UX designs into full-stack landing page for the digital health company.
- Frontend Development:** Developed a Next.js React-Typescript frontend web application, using Tailwind CSS utility-first framework.
- Backend Development:** Developed a Django backend API integrating PostgreSQL and Redis databases for persistence and caching.
- API Integration:** Integrated front- and backend APIs seamlessly in alignment with design requirements.
- Database Seeding:** Populated database with custom article contents. Data was provided by the digital health company. increasing retention by 25%.

Key Achievements

- Reduced overall project costs by **100%** through strategic implementation of open-source and free solutions.
- Successfully deployed front- and backend apps.
- Seeded PostgreSQL database with custom news articles.
- Reduced Initial Load Time by **90%** via caching mechanisms.

Jun 2023 - Jul 2023

GiveAid Foundation, Lagos, Nigeria

Lead Engineer

Role Overview

Directed a small engineering team to deliver a full-stack web application for a philanthropic initiative, focusing on secure donation processing and backend performance optimization.

Key Responsibilities

- **Product Management:** Oversaw end-to-end development and deployment of a feature-rich donation platform.
- **Agile Project Management:** Conducted agile sprints, code reviews, and team retrospectives to maintain development velocity.
- **Payment Gateway:** Integrated PayStack for secure online payments, improving donor trust and platform usability.
- **Backend Engineering:** Designed and implemented a secure refresh token system for user authentication.
- **Workflow Optimization:** Streamlined engineering processes and tooling.

Key Achievements

- Improved backend performance by **55%** through secure tokenization and optimization techniques.
- Enhanced overall team efficiency by **75%** through better workflow design and task delegation.

Jul 2017 - Jan 2018

ipNX Nigeria Limited, Lagos, Nigeria

Systems Administrator (Intern)

Role Overview

Supported the IT infrastructure of a leading telecommunications provider by maintaining systems, onboarding users, and resolving network issues to improve overall uptime and performance.

Key Responsibilities

- **Hardware Procurement:** Ran tests on hardware to detect faults and performed procurement duties by reaching out to vendors to replace and/or repair faulty hardware devices.
- **Software Installation & Staff Onboarding:** Onboarding of new staff and Installation of essential software on their machine.
- **Hybrid-ware Diagnoses:** Performed diagnostics and resolved hardware and software issues, both on-site and remotely.
- **Configuration & Maintenance:** Configured and maintained on-premises bare-metal servers for internal operations.
- **Network Troubleshooting:** Delivered routine maintenance and troubleshooting of network components.

Key Achievements

- Reduced employee downtime by **90%** through proactive server configuration and hardware issue resolution.
- Installed essential software and prepared workstations for over 20 new employees.
- Improved network stability by **70%** via Root-Cause analysis and rapid troubleshooting.

EDUCATION

National Youth Service Corps

Jul 2025 - Present

City and Guilds

- Acquired a Certification in Electrical Installation
- Acquired a Certification in CCTV Installation
- Elected group leader during SAED training

ALX Software Engineering

Apr 2023 - Oct 2025

Nanodegree in Software Engineering

- Specialization in Backend Engineering.
- Foundations in Software Engineering.
- Foundations in Leadership Training.

University of Lagos

Jul 2017 - Mar 2023

Bachelor of Science in Electrical Electronics Engineering

- Member of Society of Electrical Engineering Students (S.E.E.S)
- Participated in Professor Ayodele Awojobi Design Competition (P.A.A.D.C)
- Member of Nigerian Society of Engineers, Lagos (N.S.E)

Good Shepherd Schools

Sep 2010 - Sep 2016

Senior Secondary School Certificate Examination

- Graduated with 8 distinctions and 1 credit
- Elected "Punctuality Prefect"
- Vice-President of the Jets Club Society

ADDITIONAL INFORMATION

- **Technical Stack:** JavaScript, TypeScript, Python, Solidity, Bash, C, C++, HTML/CSS
- **Frameworks & Tools:** React, Next.js, Django, Express, Flask, Prisma, PostgreSQL, Redis, Docker, Git, Figma, Hardhat
- **Soft Skills:** Leadership, Critical Thinking, Problem-Solving, Effective Communication, Teamwork, Adaptability, Strategic Thinking.
- **Certifications:**
 - [ALX Software Engineer and Full-Stack Developer](#)
 - [Project Management Professional \(PMP\)](#)
 - [HackerRank Software Engineer](#)
 - [HackerRank Software Engineering Intern](#)
 - [HackerRank Problem Solving](#)
 - [HackerRank Python Programmer](#)
 - [HackerRank Frontend React](#)
 - [CCTV Camera Installation](#)
 - [Electrical Installation](#)
- **Languages:**
 - English
 - German
 - French
- **Awards & Activities:**
 - [Participated in a leadership program organized by ALX in partnership with Mastercard](#)
 - [Attended GenZHackFest in Unilag, September, 2023](#)
 - [Attended Hacktober Fest in Unilag, October 2023](#)
 - [Participated in VWDA 2.0 Aleo Foundation Hackerthon, August 2024](#)
 - [Participated in VWDA 3.0 Blockchain for Good Alliance \(BGA\) Hackerthon, December 2024](#)