

TEMITAYO DAISI-OSO

Software Engineer | Project Manager | Full-Stack Developer

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | Discord: theAstralProgrammer0

PROFESSIONAL SUMMARY

Results-driven Software Engineer and Project Manager with 7+ years of experience delivering scalable full-stack applications, digital transformation projects, and blockchain solutions across multiple industries. ALX-certified Systems Programmer and Full-Stack Developer with expertise in React, Next.js, Django, and PostgreSQL. Proven track record of reducing deployment time by 70%, improving backend performance by 55%, and leading cross-functional teams to deliver high-impact solutions. Skilled in Agile methodologies, DevOps automation, and UI/UX design with a strong focus on user-centric development and cost optimization.

CORE SKILLS

Technical Leadership

Agile Project Management, Team Leadership, PRD/TDD Documentation, Sprint Planning

Frontend Development

React, Next.js, TypeScript, Tailwind CSS, UI/UX Design, Figma, Responsive Design

Backend Engineering

Node.js, Express, Django, Flask, RESTful APIs, PostgreSQL, MongoDB, Redis

DevOps & Infrastructure

CI/CD Pipelines, Docker, Bash Scripting, VPS Management, Deployment Automation

Blockchain Development

Solidity, Smart Contracts, NFT Development, IPFS, Hardhat, Web3 Integration

Database Management

Database Design, ORM (Prisma, SQLAlchemy), Data Migration, Performance Optimization

PROFESSIONAL EXPERIENCE

Chief Technology Officer & Lead Engineer

Xeventy2.0 Health Limited, Lagos, Nigeria

December 2024 - Present

Leading development and deployment of a data-secure and interoperable EMR system with focus on privacy, security, and multi-device responsiveness.

- Spearheading planning and execution of multiple application suites for digital health platform
- Developed full-stack landing page using Next.js, React, TypeScript, and Tailwind CSS
- Built Django backend API integrating PostgreSQL and Redis for persistence and caching
- Reduced initial load time by 90% through strategic caching mechanisms
- Seeded PostgreSQL database with custom health articles, increasing user retention by 25%
- Reduced overall project costs by 100% through strategic open-source implementation

Project Manager & Lead Engineer

Lagos State Informal Space Management Authority, Nigeria

July 2025 - January 2026

Orchestrated and built robust frontend web application for state-level digital transformation project serving public-facing users in Lagos State.

- Built React frontend using Vite with TypeScript, implementing responsive and scalable architecture
- Provided PRD and TDD documentation based on stakeholder requirements and agile methodologies
- Designed user interfaces in Figma with focus on responsiveness and usability
- Created Entity Relation Map (ERM) for efficient relational database management
- Engineered seamless design-to-code flow, accelerating UI implementation cycles by 55%
- Wrote automation scripts that reduced time-to-deploy by 70%
- Deployed and maintained frontend application on Hostinger with high uptime reliability

Backend Engineer

Global Relocate, Hamburg, Germany

October 2025 - December 2025

Joined mid-development to restructure backend architecture and align with frontend requirements.

- Redesigned backend architecture using PostgreSQL and Prisma schema for seamless frontend integration
- Implemented robust body validation parsers to maintain data integrity and prevent corruption
- Integrated AI-driven content generation, reducing prompting costs by 77%
- Seeded PostgreSQL database with AI-generated content for 250 countries efficiently
- Managed VPS migration with 100% data preservation and zero downtime
- Developed German tax calculator and framework for country-specific tax tools
- Created deployment scripts reducing manual intervention by 100%

Technical YouTube Scriptwriter

LetsRock Media, Tuttlingen, Germany

September 2024 - November 2024

Crafted engaging, data-driven YouTube scripts and streamlined content production pipeline for digital media brand.

- Researched and authored scripts tailored to audience demographics and channel tone
- Analyzed engagement metrics (likes, shares, comments) to refine content direction
- Developed internal automation tools to optimize script ideation and delivery workflows
- Boosted viewer retention and engagement by 60% through analytical storytelling techniques
- Enhanced production efficiency by 33%, reducing content turnaround time

Founder & Chief Executive Officer

Ticquette LLC, Lagos, Nigeria

August 2024 - September 2024

Spearheaded development of blockchain dApp that mints Kiosk Space objects into NFTs with auto-listing on OpenSea.

- Conceived and designed product with unique value proposition for hackathon competition
- Developed Express backend and Solidity smart contract for NFT minting and persistence
- Implemented CRUD operations for NFT metadata storage
- Utilized Pinata SDK for IPFS metadata pinning and referencing
- Implemented auto-listing feature eliminating manual OpenSea listing requirements
- Finished as top finalist, sharing in hackathon prize pool

Lead Engineer

GiveAid Foundation, Lagos, Nigeria

June 2023 - July 2023

Directed engineering team to deliver full-stack web application for philanthropic initiative.

- Oversaw end-to-end development and deployment of feature-rich donation platform
- Conducted agile sprints, code reviews, and retrospectives to maintain development velocity
- Integrated PayStack for secure online payments, improving donor trust
- Designed and implemented secure refresh token system for user authentication
- Improved backend performance by 55% through secure tokenization and optimization
- Enhanced team efficiency by 75% through workflow design and task delegation

Systems Administrator (Intern)

ipNX Nigeria Limited, Lagos, Nigeria

July 2017 - January 2018

Supported IT infrastructure of telecommunications provider through systems maintenance and network management.

- Installed software and prepared workstations for 20+ new employees
- Performed diagnostics and resolved hardware/software issues on-site and remotely
- Configured and maintained on-premises bare-metal servers
- Reduced employee downtime by 80% through proactive server configuration
- Improved network stability by 70% via system analysis and rapid troubleshooting

EDUCATION

ALX Software Engineering Program

Nanodegree in Software Engineering | Backend Engineering Specialization

April 2023 - October 2025

University of Lagos

Bachelor of Science in Electrical Electronics Engineering

July 2017 - March 2023

National Youth Service Corps

City and Guilds Certification in Electrical Installation and CCTV Installation

July 2025 - August 2025

PUBLICATIONS & TECHNICAL WRITING

Technical Blog: the-astral-programmer0.hashnode.dev

Featured Articles:

- "What Happens When You Type google.com in Your Browser and Press Enter" - Deep dive into web architecture, DNS resolution, HTTP protocols, and browser rendering processes
- "Clone Repository via SSH Authentication" - Comprehensive guide on secure Git repository cloning using SSH keys
- "Cloning a Repository via HTTPS with Fine-Grained Personal Access Token (PAT)" - Tutorial on GitHub authentication best practices and secure repository access
- "Why Is My Program Not Pausing?" - Troubleshooting guide for debugging common programming execution issues

CERTIFICATIONS & AWARDS

Certifications: ALX Software Engineer and Full-Stack Developer | HackerRank Software Engineer | HackerRank Frontend React | HackerRank Python Programmer | City and Guilds Electrical Installation | CCTV Installation

Awards & Activities: VWDA 3.0 BGA Hackathon Participant (Dec 2024) | VWDA 2.0 Aleo Foundation Hackathon Top Finalist (Aug 2024) | ALX-Mastercard Leadership Program Graduate | GenZHackFest & Hacktober Fest Attendee

TECHNICAL PROFICIENCIES

Languages: JavaScript, TypeScript, Python, Solidity, C, C++, C#, Bash, HTML/CSS

Frameworks & Libraries: React, Next.js, Express, Django, Flask, Node.js, Tailwind CSS, Bootstrap

Databases & Tools: PostgreSQL, MongoDB, Redis, Prisma, SQLAlchemy, Docker, Git, Figma, IPFS

Spoken Languages: English (Native), French (Professional), German (Professional)