Toluwalase Akinyemi

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Professional Objective

I am a passionate software developer with a keen eye for detail and a commitment to delivering high-quality solutions. My legal background allows me to approach product development while ensuring data privacy and compliance. I am looking for a role where I can effectively apply these skills to churn out high quality products that solve real problems.

Technical Skills

Languages: TypeScript, Python, C/C#, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, Next.js, NestJS, Material-UI, FastAPI, .NET, ASP.NET
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, Jira, Postman, Swagger, Cursor IDE, GitHub Copilot, OpenAI, Prompting, Debugging, Stack Overflow Search
Databases: PostgreSQL, MySQL, MariaDb, Microsoft SQL Server, MongoDB

Education

University of Lagos	Lagos, Nigeria
Bachelor of Laws	*Oct. 2019 – May 2026*

Certifications

Harvard University	EDX
Introduction to Computer Science (CS50X)	*Feb 2025*
META	Coursera
Introduction to Front-End Development	*Oct 2023*

Experience

Software Engineer	Nov. 2023 – Present
DCLM HQ	*Gbagada, Lagos*

- Developed a centralized SMS communication service integrated with Kudi SMS, enabling consistent and automated messaging across multiple internal products—reducing manual outreach time by over 70%
- Engineered the backend of a staff management portal, **streamlining the administration** of over 1,200 employees and improving operational efficiency for HR and management teams.

Software Engineer (Contract)	Dec 2024 – June 2025
Brane Technologies	*Awolowo Road, Lagos*

- Implemented a scalable SMS notification system using TypeScript and Twilio, enabling real-time communication and **improving user engagement rates across key workflows**
- Developed a WhatsApp bot with NestJS and Twilio to allow users to **perform core transactions directly within WhatsApp**, eliminating the need to access the main application—**increasing transaction accessibility and reducing user friction**

Projects

Ichtaka | *Python, Flask, NextJs, TailwindCss, WebSocket* **FullStack**

- Built a Zero Knowledge Proof authentication system, to ensure user anonymity and guaranty free speech
- Allowed User posting of updates around him and implemented Web sockets to ensure real time reporting of live issues

IMockMarket | *Python, Flask, React, PostgreSQL, Docker* **FullStack**

- Integrated real-time stock price updates via WebSocket connections, ensuring users receive live market data with a 15-minute latency
- Developed core trading features—stock search, buy/sell orders, waitlist functionality, and transaction history—mimicking real-world trading behavior for about 50 simulated tickers.