TIMILEYIN PELUMI

Software Engineer

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≅ Summary

Full-stack software engineer based in Nigeria, passionate about building highperformance, scalable applications with real-world impact.

Specializes in web development, artificial intelligence, and blockchain, transforming complex ideas into clean, user-focused products. Proficient in Python, JavaScript, and modern frameworks like FastAPI and Next.js, grounded in computer engineering and systems design.

Expertise ranges from backend architecture to pixel-perfect interfaces, providing secure, maintainable solutions that scale efficiently and enhance business outcomes.

Currently open to remote opportunities to contribute to bold, innovative products, collaborate with world-class teams, and grow as a technical leader.

Freelance & Remote Projects

01/2025 - Present

Senior Full Stack Engineer

https://builtbytim.dev/#projects ☑

Building data-driven web applications with focus on blockchain and Al integration. Specialized in creating innovative solutions that combine web3 technology with practical user needs.

- Developed Moonshill, a web3 marketing platform that secured 2nd place in the BlessNet Hackathon
- Built and launched a blockchain staking platform generating \$30K in revenue
- Created PromptSifter, an Al prompt curation platform serving the growing Al community

ChainPal 11/2024 - 04/2025

Full Stack Engineer 🛮 https://chainpal.org ☑

Nigeria

Led end-to-end development of an Al-enabled blockchain payment gateway, bridging traditional banking with DeFi for businesses and freelancers.

- Architected and implemented complete payment infrastructure enabling crypto-to-fiat transactions
- Built merchant dashboard with payment link generation, invoice management, and automated payout processing
- Developed secure user authentication and business verification system
- Integrated cross-border payment processing with realtime currency conversion

Venixs Inc 09/2024 - 12/2024

Python Backend Engineer

Led backend development initiatives focusing on payment systems, customer support infrastructure, and performance optimization.

- Implemented robust recurring card charging system for subscription management, significantly improving payment success rates
- Developed comprehensive ticketing system for streamlined customer issue resolution
- Optimized API performance through strategic caching and query improvements
- Refactored core backend services to improve code efficiency and reduce technical debt

₽ Education

Computer Engineering Bachelor of Engineering

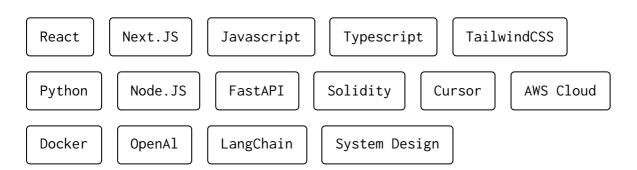
Federal University of Technology, Akure

https://futa.edu.ng ♂

2019 - 2024 Nigeria

Nigeria

െ Skills



❸ Interests

Designing and launching microproducts •

Emerging technologies, Al systems & autonomous agents •

Reading technical blogs, protocol whitepapers & dev research •

Experimenting with full-stack dev tools & backend architectures •

Touching grass



ChainPal

ChainPal is an Al-enabled blockchain payment gateway for businesses and freelancers.

https://chainpal.org ☑

Key Contributions:

- Architected and implemented complete payment infrastructure enabling cryptoto-fiat transactions
- Built merchant dashboard with payment link generation, invoice management, and automated payout processing
- Developed secure user authentication and business verification system
- Integrated cross-border payment processing with real-time currency conversion

PromptSifter

Discover quality prompts curated by professionals across different expertises - from developers to marketers, writers to analysts.

https://promptsifter.bytim.xyz ♂

Key Contributions:

- Built complete authentication system with social logins and secure sessions
- Developed automated prompt quality verification with multi-factor scoring
- Implemented extensive filtering system with real-time search and categorization
- Created offline-first architecture with seamless data syncing and caching

Moonshill

Al-powered multi-platform shilling engine for Web3 communities. Amplify your crypto project with intelligent meme generation and strategic posting. https://moonshill.pages.dev

Key Contributions:

- Built Al-powered content generation system for memes and marketing materials
- Developed multi-platform automation for Twitter, Telegram, and Discord
- Implemented prompt tuning for maximum human-like post generation

- Created smart engagement system with anti-bot detection mechanisms

Publications

PromptSifter: A Comprehensive Platform for AI Prompt

2025

Discovery and Management

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https://gist.github.com/builtbytim/90761575752907b8dde39d2 ae8654c06

The Future of Cross-Chain Communication: Understanding LayerZero

2024

DEV. to

https://dev.to/timileyinpelumi/the-future-of-cross-chain-communication-understanding-layerzero-30

☆ Profiles

X (Twitter)

https://x.com/built_by_tim ☑

LinkedIn

https://linkedin.com/in/timileyin-pelumi ♂

Github

https://github.com/builtbytim ☑

Portfolio

https://builtbytim.dev ♂