Contact

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(LinkedIn)

Top Skills

Hono

Tauri

Rust (Programming Language)

Languages

English (Native or Bilingual)

Yoruba (Professional Working)

Certifications

JavaScript (Intermediate) Certificate

JavaScript

Frontend Developer (React)
Certificate

Node (Basic) Certificate

Rest API (Intermediate) Certificate

Oludotun Longe

Software Engineer (TypeScript • Rust • AI • Web3)
Lagos State, Nigeria

Summary

Hi! I'm a Software Engineer with 8+ years of experience building high-scale, high-impact products across startups, agencies, and global teams.I work across the full stack with a focus on performance, reliability, and developer experience. My tech stack spans TypeScript, Rust, Bun, Node.js, Hono, GraphQL, NestJS, Express.js, Next.js, TanStack Start, React, Expo, Tauri, and Electron.I build smart contracts and decentralized applications using Solidity, Rust, and Ethers.js; integrate Web3 wallets and APIs; work with on-chain data, DeFi protocols, and RAG pipelines for blockchain data; and design secure, high-performance systems.On the AI side, I've built production systems leveraging OpenAI, Gemini, and Anthropic; vector databases like Pinecone; RAG pipelines; and frameworks like LangChain and LlamaIndex.I also work deeply with modern infrastructure and backend systems: Docker, Kubernetes, GitHub Actions (CI/CD), Redis, Kafka, RabbitMQ, Prisma, PostgreSQL, MongoDB, MySQL, AWS, GCP, Azure, Firebase, Supabase, Puppeteer, Prometheus, API gateway & rate-limiting patterns, plus secure auth (JWT/OAuth).I enjoy building polished products, solving complex problems end-to-end, and shipping fast. Always open to collaborating on ambitious crypto, AI, or full-stack engineering projects.

Experience

Bange.io
Software Engineer
March 2024 - Present (1 year 9 months)

Upwork
Full Stack Engineer
January 2021 - September 2025 (4 years 9 months)
San Francisco Bay Area

Empowering client visions into digital reality through freelance software development. Crafting tailored solutions with cutting-edge tools and techniques. Versatile project contributions spanning financial tracking, agriculture tech, job marketplaces, and home rentals.

Shield
Full Stack Engineer
June 2023 - February 2024 (9 months)
San Francisco Bay Area

At Shield.xyz, where our mission is to automate user security for web3 platforms, my role as a Software Engineer encompassed a spectrum of responsibilities that propelled our technology forward. Key achievements include:

- Engineered a comprehensive full-stack web application from the ground up, integrating back-end services, front-end interface, and database architecture to meet our ambitious goals.
- Crafted and deployed RESTful web APIs, facilitating seamless integration with third-party services and enhancing our platform's connectivity.
- Spearheaded the adoption of automated testing practices, achieving a 90% code coverage that significantly minimized production issues.
- Established a robust Continuous Integration/Continuous Deployment (CI/CD) pipeline, streamlining our deployment process from days to mere minutes, thus accelerating product iteration and delivery.

Fireflies.ai - Conversation Tracking Platform
Full Stack Engineer
July 2018 - January 2021 (2 years 7 months)
San Francisco, California, United States

At Fireflies.ai, spearheading software solutions for the AI Voice Assistant For Meetings was a rewarding journey that accentuated my expertise and passion for cutting-edge technology.

Collaborating seamlessly with the product design team, I actively contributed to translating concepts into robust, functional software solutions that defined the essence of our AI Voice Assistant For Meetings. This collaboration was pivotal in shaping intuitive user experiences and ensuring product excellence.

Leveraging Node.js, Express.js, and MongoDB, I architectured and implemented a suite of API endpoints, servers, and micro-services. This tech-

driven infrastructure became the backbone of seamless communication and efficient data management within our platform, enhancing its scalability and performance.

An integral part of my role was devising and implementing the payments infrastructure, an endeavor that demanded a relentless pursuit of secure and streamlined payment transactions. This initiative fortified our platform's integrity and user trust.

Utilizing data analysis, I delved into user activity and behavior, extracting invaluable insights that empowered our marketing and product teams. This data-driven approach was pivotal in fine-tuning our strategies and product evolution.

Sela
Full Stack Engineer
April 2018 - June 2019 (1 year 3 months)
New York, United States

At Sela, a pioneering cryptocurrency-driven crowd-sourcing platform for Sustainable Development initiatives, I played a pivotal role in the platform's development.

Working hand-in-hand with the design team, I was instrumental in crafting and customizing our web platform, tailoring it precisely to meet the unique demands and specifications of the Sela ecosystem.

My expertise in blockchain technology shone through in integrating the Stellar Blockchain SDK into our platform. This incorporation ensured the highest standards of security and transparency in all transactions, bolstering trust and reliability within the Sela community.

The backbone of our system was built using a robust tech stack. I engineered and optimized API endpoints, servers, and micro-services utilizing Node.js, Express.js, MongoDB, and PHP. This amalgamation of technologies ensured a stable, scalable, and efficient platform that aligned seamlessly with Sela's mission.

Swipe
Full Stack Engineer
January 2018 - June 2018 (6 months)

At Swipe, I contributed significantly to enhancing projects by developing and implementing new features. My role involved continuous improvement of existing functionalities, ensuring seamless user experiences. Collaborating closely with the development team, I analyzed project requisites, devising robust front-end architectures that optimized performance and usability.

Planet NEST
Full Stack Engineer
February 2017 - December 2017 (11 months)
Akure, Ondo, Nigeria

At Planet NEST, a dynamic Web Development Agency and Talent Accelerator, I played a pivotal role in crafting exceptional digital experiences and nurturing future talent.

Utilizing HTML, CSS, and JavaScript, I spearheaded the creation of websites and platforms, ensuring top-notch user experiences at every turn. My proficiency extended to developing web applications using React and PHP, implementing scalable solutions that epitomized efficiency.

Collaborating seamlessly within our team, I contributed to tailoring websites and platforms precisely to client specifications, a testament to our dedication to client-centric solutions.

Beyond development, I actively contributed to nurturing budding talent by serving as a coding instructor within our talent accelerator program. This role allowed me to foster the growth of aspiring web developers, imparting industry insights and practical skills.

Education

The Bells University Of Technology
B.Eng, Electrical and Electronics Engineering · (2011 - 2016)

St. Gregory's College, Ikoyi
High School Diploma · (2005 - 2011)