


# ADEREMI OLUWASEGUN AZEEZ

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## Professional Summary

Software Engineer with expertise in building scalable fintech, blockchain, and SaaS systems. Skilled in full-stack development, system architecture, and Web3 integrations. Adept at delivering end-to-end solutions across payments, crypto infrastructure, and SaaS platforms. Combines strong technical proficiency with leadership, mentoring, and collaborative product delivery.

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## Professional Experience

### Affimarts Network Limited – Lagos, Nigeria

#### Software Engineering Intern | Dec 2020 – Jun 2021

- Supported the development of responsive websites using **HTML, CSS, and JavaScript**.
- Assisted in deploying WordPress-based business sites and handled basic UI adjustments.
- Provided ICT technical support and troubleshooting for enterprise applications.

#### Junior Web Developer | Jul 2021 – Dec 2021

- Built and maintained internal and client-facing applications.
- Implemented UI improvements and optimized site performance across multiple projects.
- Collaborated with designers and backend developers to deliver user-friendly interfaces.

## Affisend.com Limited – Ogbomosho, Nigeria

### Software Engineer (Email Infrastructure & Web Systems) | 2022 – 2024

- Developed and optimized the company's responsive website, integrating **React, Next.js, PHP, and Node.js** backends.
- Architected secure, scalable email infrastructure to ensure high-volume delivery reliability.
- Configured and maintained **SMTP, IMAP, and POP3** servers for performance and security.
- Mentored junior engineers and led code review sessions to improve overall development quality.
- Collaborated closely with design and product teams to align technical delivery with brand goals.

## RaySwap Exchange – Remote

### Software Engineer (Blockchain & Fintech) | 2023 – 2024

- Designed and built **RaySwap Exchange**, a cross-chain crypto swap platform supporting 1000+ tokens and multiple networks.
- Implemented smart transaction routing, gas optimization, and multi-wallet connectivity.
- Developed real-time monitoring systems for swaps and fiat off-ramps, reducing transaction failure rates by 30%.
- Integrated blockchain SDKs (**ethers.js, Wagmi, Viem**) and maintained secure smart contract interactions.

## KuvarPay – Remote

### Lead Software Engineer (Payment Infrastructure) | 2024 – Present

- Engineered **KuvarPay**, a crypto payment gateway enabling businesses to accept Bitcoin, Ethereum, and 1200+ tokens with instant fiat settlements (NGN, RWF, ZAR, GHS, KES).

- Designed real-time payment infrastructure using **WebSockets** and **Server-Sent Events**.
- Built **merchant APIs** for checkouts, invoices, and payment links with webhook integration.
- Integrated **KYC/AML (Smile ID)** verification workflows and automated payout processes.
- Led distributed engineering teams, ensuring scalable system delivery and reliability.

## Freelance Blockchain Roles – Remote

### Web3 Software Engineer | 2023 – 2024

- **Ammify DEX:** Implemented swap router and liquidity management; integrated **ethers.js** frontend.
- **YieldHub Farming:** Built staking vaults and reward emission schedule with complete unit test coverage.
- Contributed to dApp architecture, smart contract security, and front-end wallet interaction.

## Hackathon Experience

### Stablecoin Africa Event Hackathon – Lagos, Nigeria | 2025

- Developed a **stablecoin-based remittance system** for cross-border crypto-to-fiat transfers.
- Handled **Solidity contracts**, UI integration, and on-chain transaction validation.

### Africa Blockchain Festival Hackathon – Kigali, Rwanda | 2025

- Built a **decentralized savings and yield application** on Polygon.
- Designed smart contracts, wallet integrations, and yield computation logic.
- Recognized for innovation in blockchain-powered financial inclusion.
- I was awarded second best product at the hackathon from over 128 participants.

## Key Projects

- **KuvarPay:** Crypto payments with real-time local currency settlements.

- **RaySwap Exchange:** Multi-chain DEX with cross-network swap support.
- **Affisend Email Platform:** Scalable transactional email system.
- **Ammify DEX / YieldHub:** Freelance Web3 projects involving DEX logic and staking systems.
- **TenFigures Academy:** E-learning platform with secure authentication and integrated payments.

## Skills

**Frontend:** React, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3

**Backend:** Node.js, Fastify, PHP, REST APIs, WebSockets, SSE

**Blockchain:** ethers.js, Wagmi, Viem, Web3.js, Solana Web3, Bitcoin libraries

**DevOps & Cloud:** Docker, GitHub Actions, Nginx, AWS, Vercel, CI/CD

**Databases:** PostgreSQL, SQLite, MongoDB, Redis

**Other Tools:** Figma, Adobe Creative Suite, Canva

## Education

**Bachelor of Science in Physics with Electronics**

Oduduwa University Ipetumodu (OUI), Nigeria – **Dec 2019**

🎓 *First Class Honors (GPA: 4.60/5.00)*

## Certifications

- **Python: From Zero to Hero** (Udemy, 2024)
- **MATLAB Programming & Image Processing** (Udemy, 2024)
- **AWS Cloud Technical Essentials**

## Leadership & Contributions

- Led teams of 3–5 engineers at KuvarPay and RaySwap.
- Mentored junior developers on clean code, DevOps, and scalable architecture.
- Drove collaboration across engineering, product, and compliance units to accelerate releases.