

## OBASEKI, IMISIOLUWA HAIKEYS

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### SUMMARY

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Full-stack engineer with expertise in automated payment systems and blockchain tooling. Currently running beta tests of SmartBursar, an AI-powered school finance platform with 20 schools and 500+ students across Nigeria.

### TECHNICAL SKILLS

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**Primary Stack:** TypeScript, JavaScript, React, Next.js, Node.js, Python, PostgreSQL, Tailwind CSS

**Proficient In:** Angular, NestJS, GraphQL, RESTful APIs, Supabase, Auth0, HTML5, CSS3

### PROFESSIONAL EXPERIENCE

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#### 1) Founder & Lead Full-Stack Engineer | SmartBursar

- January 2026 - Present
- Built and launched SmartBursar, an AI-powered school finance automation platform currently in beta testing with 20 schools and 500+ students across Nigeria.
- Stack: Python (FastAPI), React, PostgreSQL, WhatsApp Cloud API, LLMs, OCR

#### 2) Wealth Technology | Website Developer

- 2023 – 2024 (6 months) | Ondo State, Nigeria
- Designed and implemented responsive web interfaces that increased user engagement and retention rates; achieved a 25% boost in customer satisfaction scores, directly influencing repeat business for local enterprises.
- Stack: Python, HTML, CSS, JavaScript

### PROJECTS

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#### 1) GafferScore: Live Premier League Prediction Platform (Next.js, Supabase, Resend, Vercel).

This live application allows users to compete on a global leaderboard by predicting match outcomes. Built with Next.js and Supabase, it features secure user authentication, automated scoring, and a custom email verification system using Resend. The platform automatically fetches match fixtures via live sports APIs and is securely deployed on Vercel with a custom domain.

**Role:** Founding Full stack Engineer.

**Technologies:** Typescript, Next.js, Supabase, Resend, Vercel, External APIs

**Web app:** [gafferscore.xyz](https://gafferscore.xyz)

**GitHub repo:** <https://github.com/Haikeysgit/gafferscore>

#### 2) SmartBursar: AI School Payment Automation (Python, WhatsApp Cloud API, React, PostgreSQL, LLMs).

This education technology platform fully automates fee collection and verification. It sends weekly WhatsApp reminders to parents, uses Computer Vision and LLM OCR to process bank transfer receipts, and instantly updates school dashboards in real time. It is currently in beta testing with 20 schools and over 500 students to measure improvements in parent payment compliance compared to manual methods.

**Role:** Founding full stack engineer

**Key Features:** Automated receipt parsing, scheduled debtor reminders, real-time financial tracking dashboard, AI-powered transaction verification

**Web app:** <https://smartbursar.onrender.com>

#### 3) Flux: Solana Rent Recovery Engine: Next.js, React, TypeScript, Solana Web3.js, Prisma, SQLite

A blockchain tool deployed on Solana Devnet that scans wallet transaction history to identify idle accounts and recovers locked SOL from rent fees. Built with a real-time dashboard for wallet analysis and automated fund reclamation.

Developed as a hackathon project demonstrating practical Web3.js integration and on-chain data processing.

**GitHub:** <https://github.com/Haikeysgit/flux>

**Stack:** Next.js 16, React 19, TypeScript, Tailwind CSS, Solana Web3.js, Prisma ORM, SQLite

## EDUCATION

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**Bachelor of Engineering (B.Eng.) in Computer Engineering | Elizade University** | Nov 2020 – Sep 2025 | Ilara-Mokin, Ondo State, Nigeria | **CGPA:** 4.02/5.00

## CERTIFICATIONS

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### Blockchain Development Certifications | Cyfrin Updraft

- Blockchain Basics (2025) - <https://profiles.cyfrin.io/u/haikkeys/achievements/blockchain-basics>
- Solidity 101 (2025) - <https://profiles.cyfrin.io/u/haikkeys/achievements/solidity>

### Python | Udemy

- Python crash course (2021) -

<https://www.udemy.com/certificate/UC-df895ef9-128c-4a0d-9c15-842dfbf0a9c3/>

## OPEN SOURCE CONTRIBUTIONS

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Aden HQ - Hive (AI Agent Framework)

Contributed to Windows environment compatibility by debugging setup issues and documenting installation protocols for Windows 11 users, improving developer onboarding experience.