

# ESABU BLESSING OBEHI

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## Summary

Backend engineer building production-grade systems across fintech, healthtech, and edtech. Strong in secure REST API design, scalable database schemas, AI/ML inference integration, and leading teams through end-to-end delivery for the African market.

## Technical Skills

|             |                                                                       |
|-------------|-----------------------------------------------------------------------|
| Languages   | Python, JavaScript, TypeScript, C, C++                                |
| Frameworks  | Node.js, Express.js, NestJS, Flask, Next.js                           |
| Databases   | PostgreSQL, MongoDB, SQL; Database Design & Optimization              |
| API & Arch. | RESTful APIs, Microservices, System Architecture, JWT, OAuth 2.0      |
| AI & Data   | XGBoost, Scikit-learn, SHAP, Predictive Modeling, LLM API Integration |
| DevOps      | Docker, Git/GitHub, CI/CD, Postman, Workflow Automation (Make)        |

## Experience

|                              |                    |
|------------------------------|--------------------|
| Backend Engineer Intern      | Apr 2026 – Present |
| NITHub UNILAG (NITDA IT Hub) | Lagos, Nigeria     |

- Building RegiFlow, a customizable event-registration platform (Google Forms-style) with Paystack-integrated payments, currently in active development for the hub.
- Contributing backend across incubated startup projects — API design, database modeling, and integration with AI and IoT prototypes.

|                               |                     |
|-------------------------------|---------------------|
| Backend Engineering Tutor     | Sep 2025 – Feb 2026 |
| Engineering Career Expo (ECX) | Lagos, Nigeria      |

- Taught backend engineering to 60+ aspiring developers; several have since won hackathons and now build independently.
- Built curriculum covering RESTful API design, database architecture, and secure system-design principles.

|                        |                     |
|------------------------|---------------------|
| Lead Backend Developer | Jun 2025 – Oct 2025 |
| Lockedin AI            | Remote              |

- Lockedin AI builds AI-powered productivity tools that help students and businesses streamline their day-to-day workflows.
- Led the backend team during the platform’s early build phase, contributing to backend setup and API planning ahead of launch.

## Key Projects

|         |                               |
|---------|-------------------------------|
| VoiceIQ | Python · NLP · XGBoost · SHAP |
|---------|-------------------------------|

- Real-time telecom churn-intelligence platform calibrated for Nigerian English and Pidgin, handling code-switching via NLP with mid-call agent action cards.
- Lifted churn-model AUC from 0.61 to 0.87 (97% accuracy) with sub-second intent extraction — 1st place, Microsoft AI Skills Hackathon 2026.

|                     |                                            |
|---------------------|--------------------------------------------|
| RiskIntel (NeoRisk) | Python · Flask · XGBoost · Docker · Render |
|---------------------|--------------------------------------------|

- Loan-default risk-prediction tool for Nigerian banks combining XGBoost with a Behavioral Bonus System quantifying savings, bill consistency, and cash flow.
- Containerized and deployed with a REST API exposing real-time risk scoring for underbanked borrowers.

|         |                                            |
|---------|--------------------------------------------|
| Alleana | Node.js · Express.js · MongoDB · JWT · MVC |
|---------|--------------------------------------------|

- Secure backend handling wallet management, payment flows, and call-session tracking, built on a strict MVC structure with API security best practices.

|             |                                |
|-------------|--------------------------------|
| LearnBridge | Next.js · TypeScript · Node.js |
|-------------|--------------------------------|

- Backend for an accessibility-first EdTech platform for children with ADHD, dyslexia, and visual impairments — server-side auth, content delivery, and audio/language state management meeting strict accessibility standards.

## Education & Training

|                                                             |                   |
|-------------------------------------------------------------|-------------------|
| B.Sc., Computer Engineering                                 | Expected Aug 2029 |
| University of Lagos (UNILAG)   CGPA: 4.61/5.0 (First Class) | Lagos, Nigeria    |

|                                         |                     |
|-----------------------------------------|---------------------|
| TechyJaunt — Backend Development Intern | Jan 2025 – Mar 2025 |
| CodSoft — Python Development Training   | Nov 2024 – Dec 2024 |

## Achievements

- 1st Place — Microsoft AI Skills Hackathon 2026 (VoiceIQ)
- 1st Place — CJID Nigeria Hackathon
- 2nd Place — IEEE IES Hardware Hackathon
- 2nd Place — Curacel
- 3rd Runner-Up — LCCI