

# PRECIOUS EZEIGBO

## [Software Engineer (Backend-Focused | Open to Fullstack & Mobile Development)]

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### SKILLS AND TOOLS

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- Technical Skills: Python, PostgreSQL, MySQL, Flask, FastAPI, Amazon Web Services (AWS), CI/CD, Git, Github Actions, Next.js, Linux, Bash scripting, Responsive UI development, REST API design
- Certifications:
  - ALX Software Engineering Programme – Specialization in Backend  
*Issued: 12 Feb 2025 | Duration: 12 months.*
  - HNG Internship - Backend intern.  
*Issued: 30 March 2025*

### PROFESSIONAL EXPERIENCE

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#### Eyrie MVP – Full Stack Developer

Present

- Designed and developed **Eyrie**, a modern real estate web application for property listings and blogging.
- Built the entire platform using **Next.js**, implementing both the responsive frontend and backend API routes within the same framework.
- Developed features including dynamic property listings, property search, user authentication, blog posting, and navigation across Home, Properties, About, Contact Us, and Blogs.
- Integrated SEO optimizations, responsive design, and smooth page transitions for a seamless user experience.
- Focused on delivering a fast, mobile-friendly, and scalable web application.
- [[PreciousEzeigbo/Eyrie](#)] Github Repository

#### GitHub-Telegram Integration Bot – Backend Developer

April.2025

*Tech Stack:* FastAPI, PostgreSQL, Uvicorn, SQLAlchemy, Pydantic, Telegram Bot API, GitHub Webhooks, Railway

Developed and deployed a FastAPI-based application that connects GitHub repositories with Telegram for real-time event notifications. Implemented secure webhook handling with HMAC signature verification and rich Markdown-formatted messages. Integrated PostgreSQL for storage of user sessions and repository links. Enabled users to manage multiple repositories through an intuitive Telegram bot interface.

##### Key Features:

- Rich conversational onboarding flow for easy GitHub repository linking via Telegram
- Automatic deployment with environment variables and database initialization.
- Secure webhook signature verification using HMAC and secret API keys.
- Real-time notifications for GitHub events (pushes, PRs, issues, workflows, branches, tags).
- [[PreciousEzeigbo/Github-Telegram-Notifier](#)] – Github Repository.

#### HNG – Backend Developer Intern

Jan. 2025 - Mar. 2025

- Participated in a structured backend engineering internship program, gaining hands-on experience in designing and implementing scalable API solutions

- Collaborated with cross-functional teams to develop and integrate RESTful API endpoints, ensuring seamless communication between frontend and backend systems
- Utilized Python to build and test endpoints, focusing on functionality, performance, and security best practices

### **Thinky-Tots – Backend Developer (Team of 2)**

**Dec. 2024 - Jan. 2025**

- Developed a playful learning web app for kids to solve quizzes and track their learning progress
- Built the backend using Python and Flask, implementing SQLite for database management.
- Created a simple, interactive user interface with HTML, CSS, and JavaScript.
- Developed key features including quizzes, progress tracking, and a future leader-board system to enhance user engagement.
- [[PreciousEzeigbo/Thinky-Tots](#)] – GitHub Repository

### **FitConnect MVP – Full Stack Developer (Personal Project)**

**Aug. 2024 - Oct. 2024**

- Designed and developed the backend system for FitConnect, a web app for fitness enthusiasts designed to help track your workouts, view your workout history and stay motivated by connecting with others.
- Implemented user authentication, track workouts, workout history, connect socially.
- Ensured a responsive, mobile-friendly UI and optimized database performance for a seamless user experience
- [[PreciousEzeigbo/Portfolio\\_project](#)] Github Repository

## **EDUCATION**

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**Abia State University, Uturu.**

Bachelor of Science in Anatomy

**Abia State, NG**

*Graduated: Sep. 2021*