PRECIOUS EZEIGBO

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

Umuahia, NG • preciousezeigbo81@gmail.com • + 234-808-166-9529 • [Portfolio Site]

SKILLS AND TOOLS

- 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

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

Abia State University, Uturu.   **Abia State, NG**

Bachelor of Science in Anatomy   *Graduated:* Sep. 2021