

# PRECIOUS ENUAGWUNE

## Backend Developer

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Agbede, Ikorodu, Lagos state, Nigeria



[Email](#)



[LinkedIn Profile](#)



[My github page](#)

I am a skilled backend developer with proven expertise in Node.js, Express.js, Nestjs, TypeScript, Java and SpringBoot, specializing in building scalable, efficient, and secure server-side applications. My technical proficiency spans relational and non-relational database management and cloud deployments (e.g., AWS), complemented by a strong foundation in software Engineering principles.

I honed my skills through the ALX Software Engineering certification program, delivering high-quality, impactful projects in fast-paced environments.

As a Backend Developer Intern at HNG Tech, I excelled among peers, finishing as a finalist (top 2%). I have also contributed as a contract Backend Developer at Teknesis and currently working as a Backend Developer with Peterx Digital Solutions, crafting innovative solutions for diverse client needs.

Beyond technical expertise, I bring critical thinking, problem-solving, and effective communication, enabling seamless collaboration and exceptional results within cross-functional teams.

My portfolio: <https://precious-e.onrender.com/>

## PROFESSIONAL EXPERIENCES

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### **Peterx Digital Solutions** | Backend Developer

Nov, 2024 – Present

- Development and deployment of scalable backend APIs for mobile applications to meet products' requirements.
- Integrating third-party services and APIs to financial and wallet services mobile applications.
- Collaborating with Frontend and UI/UX teams to ensure smooth delivery of products, following Agile methodologies.

### **Teknesis** | Backend Developer (Contract)

August, 2024 – April, 2024

- Development and deployment of scalable backend solutions for client applications, tailored to specific business needs.
- Integrating third-party services and APIs to enhance functionality and performance of client products.
- Collaborating with cross-functional teams to ensure smooth delivery of custom software solutions, following Agile methodologies.

### **HNG Tech** | Software Engineering (Backend) intern (Finalist)

Jun, 2024 – September, 2024

- Collaborated with a team of backend developers to architect various software products.
- Built a software platform leveraging AI to assist students with homework, enable parents to monitor academic progress, and allow teachers to generate assignments and grade them automatically.
- Developed and managed robust RESTful APIs according to product specifications.

- Created Github Issues from Tickets generated by product managers.
- Documented APIs using OpenAPI specifications for clarity and usability.
- Implemented database CRUD operations and replication using CQRS pattern.

## Asset and Resource Management (ARM) | AYTP mentee & IT Intern

Jun, 2023 – Aug, 2023

- Contributed to a project about improving customers involvement in investment banking with other team members in my group.
- Spent the second half of the program interning in the IT department.
- Learnt how to perform basic and advanced activities relating to IT support to employees.
- I was taken through the basic operations of system networking where I had the opportunity to work with the chief networking engineer who was my supervisor.

## SKILLS

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### Technical Skills

- **Programming & Frameworks:** Node.js, Express.js, Nestjs, TypeScript, JavaScript, C, Python
- **Databases:** MongoDB, MySQL, PostgreSQL
- **DevOps & Tools:** AWS, Azure, Redis, Git/GitHub, Bash Scripting, Bull
- **Software Engineering Practices:** API Management, RESTful API Development, CQRS Pattern
- **Operating Systems:** Linux

### Soft Skills

- Communication | Critical Thinking | Problem Solving | Collaboration | Leadership

## PROJECTS

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- **Order Monitoring system:** An API that contains admins and users' functionalities. It allows a user make an order, after the order has been made, a chat room will be open to the user and any of the admins can start chatting with the user that has made the order in real-time. The API is written with TypeScript and Nestjs, Socket.io was used for the real-time chat functionality, while PostgreSQL is being used for the database. [Click link to API docs](#).
- **AI for Homework:** A software that uses AI to help student with their homework, help teachers with grading and help parents monitor their children's academic work: [Click link to API docs](#), [Click link to live website](#).
- **QUIZZar:** an online interactive trivia quiz website for taking trivia quiz based on selected quiz topics. [Link to live website](#)
- **E-commerce API:** An e-commerce API that can be integrated into a website for performing basic and advanced shopping functionalities (in progress). The API is hosted on an EC2 instance which can be accessed via: [Link to API docs](#).
- **Telex Movie Recommender:** An integration API that provides movie recommendations for users in a channel at set intervals based on selected genre. [Link to source code](#).
- Other **public** projects I have worked on can be accessed on my GitHub page.

## **EDUCATION**

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**University of Benin | Edo, Nigeria**

Mar, 2019 – May, 2024.

Bachelor of Engineering, Electrical/Electronic Engineering

## **CERTIFICATIONS**

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Software Engineering (Backend) | ALX (2023)

Backend Intern (finalist) | HNG Tech (2024)

Extracting Web data with Python | Coursera (2020)

Meta Backend web development | Coursera (2022)

## **MEMBERSHIPS AND VOLUNTEERING**

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Society of Electrical and Electronics Engineering Students | Member (2019 - Date)

Nigerian University Engineering Students Association | Member (2019 - Date)

Institute of Electrical and Electronics Engineers (IEEE) | Member (2021 - Date)

Math for Life Foundation (a foundation that organizes Math competition for secondary school students) | (2023 – Date)