

# Raphael Ezeigwe

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## SUMMARY

Full stack software developer skilled in Python, Django, and React, with a focus on backend development and a solid grasp of software architecture and design patterns. I possess strong problem-solving abilities and a passion for learning new technologies, and I aim to leverage my skills to contribute to a dynamic development team.

## EXPERIENCE

### Backend Developer Sixth Alliance Limited

April 2024 – Present, Lagos, Nigeria

- Designed robust RESTful APIs using Django REST Framework, enhancing performance and scalability, resulting in a significant decrease in API response times.
- Collaborated with front-end developers to integrate user-facing elements with server-side logic, improving the overall user experience.
- Implemented authentication and authorization features using Django rest framework Tokens to ensure secure access to APIs.
- Designed and optimized databases including Mysql and Postgresql, resulting in a significant increase in query performance.

## PROJECTS

### Sales Push API

Sixth Alliance Limited • September 2024 – Present

- Developed a CRM to manage deals with potential clients, streamlining the sales process and improving lead visibility.
- Developed and customized CRM workflows to enhance lead-to-deal conversion rates.
- Implemented database models for efficient tracking of users, clients, deals, and deal pipelines, optimizing data management and enhancing reporting capabilities.
- Ensured API security by integrating authentication and authorization mechanisms using JSON web tokens (JWT) to control access to data.
- Implemented role-based access controls (RBAC) to tailor user permissions, ensuring sensitive information remained secure while allowing team members appropriate access.

### Front-desk API

Sixth Alliance Limited • August 2024 – September 2024

- Implemented an Issue management API to manage pending tasks and issues related to the company's products and services enhancing visibility and accountability within the workflow.
- Designed database models to track issues, users and user interactions from within and outside the company.
- Ensured API security by integrating authentication and authorization mechanisms using JSON web tokens (JWT) to control access to data.
- Implemented role-based access controls (RBAC) to tailor user permissions, ensuring sensitive information remained secure while allowing team members appropriate access.

### MedTech API

Sixth Alliance Limited • April 2024 – May 2024

- Implemented functionality to manage patients, staff, and administrators with distinct access permissions for various resources.
- Designed database models to track patients' medical records, samples collected, lab results, prescribed medications, and treatment notes.
- Enabled hospital staff to create, update, and retrieve patient records efficiently through the API.
- Ensured API security by integrating robust authentication and authorization mechanisms to protect sensitive information.
- Optimized the API for scalability and performance to handle high volumes of data generated daily by hospital operations.

### Multi-vendor ecommerce Website

Personal Project • [ecommerce-devraphael13.vercel.app/](https://ecommerce-devraphael13.vercel.app/) • March 2024 – April 2024

- Engineered highly-responsive user interfaces using React, optimizing component reusability which accelerated development workflow, enhanced user experience and improved scalability.
- Optimized database synchronization by integrating a robust API that I made, efficiently consuming and processing data, leading to increase in operational efficiency.
- Implemented features like a landing page, list of products, product detail page and user cart.
- Optimized site loading times by caching API calls to enhance user experience.

### Ecommerce Management API

Personal Project • [django-ecommerce-api.vercel.app/](https://django-ecommerce-api.vercel.app/) • April 2022 – April 2024

- Engineered an Ecommerce management API using Django, Django-rest-framework and Postgresql consumed by front-end applications that facilitated real-time inventory tracking, order processing, and customer management across a platform of many products, improving operational efficiency.
- Implemented authentication and authorization using token authentication for secure access to the API resources.
- Optimized API performance by implementing caching mechanisms using Redis to improve efficiency and scalability
- Optimized SQL queries to the database to reduce data fetching times for end users.

## EDUCATION

### Bachelor of Science in Microbiology

Minor in Computer Science • University of Port Harcourt • Rivers State, Nigeria • 2024 • 3.87

## SKILLS

Python, JavaScript, Django, Django Rest Framework, React, Next.js, NumPy, Tailwind CSS, HTML, CSS, PostgreSQL, MySQL, Redis