

# KAMPALA EZEANYA

## Backend Developer

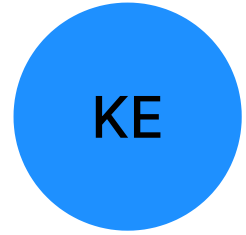
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## ABOUT ME

Experienced and results-driven Backend Developer with a strong proficiency on Node.js, Python and Typescript. Proven track record in developing high-performance backend systems, optimizing architecture, and ensuring continuous availability of critical APIs. Skilled in cloud services, SQL/NoSQL databases and CI/CD. Firm believer of self development, eagerly take on new challenges that broaden my expertise and passion for continuous learning and growth. Noteworthy achievements include adept commitment at building scalable and efficient server-side applications, mentoring junior and peer developers, and contributing to open-source projects. Enthusiastic about joining a team in a flexible remote working opportunity to create codes and build software products through cutting-edge technology and make a positive impact on tech industry.

## EXPERIENCE

### Backend Developer (Internship)

#### Dezainahub Company

09/2023 - 02/2024 Bangalore, India

Engineered and maintained high-performance APIs to deliver diverse data points, ensuring uninterrupted access for clients and customers.

- Optimized Node.js backend systems, enhancing performance and reliability to meet demanding service-level agreements.
- Spearheaded the development of a dynamic pop-up section for premium banner advertisements, elevating the company's graphic design offerings.
- Played a pivotal role in the enhancement of the admin panel, ensuring efficient handling of client contact requests and seamless management of graphic images and banners through Node.js APIs.
- Demonstrated expertise in debugging to identify and resolve software bugs and errors, maintaining the integrity of the platform.
- Orchestrated the design and maintenance of the core MongoDB database, fostering data integrity and accessibility.
- Implemented CI/CD practices and tools to streamline software delivery processes, ensuring rapid and efficient deployment of updates and features.
- Fostered collaboration with frontend teams to create a captivating graphic design website, aligning with client expectations and business objectives.
- Implemented robust security measures to safeguard sensitive data and prevent unauthorized access, ensuring compliance with industry standards.
- Assisted in the development of automated testing suites to validate software functionality and performance, reducing manual effort and enhancing overall product quality.

## SKILLS

### RUNTIME

NODE.JS

### LANGUAGES

Python

Javascript

Typescript

### FRAMEWORKS

Express.js

Flask

### DATABASES

SQL (PostgreSQL)

NOSQL (MongoDB)

### VERSION CONTROL

GIT (Github)

### DEVELOPER TOOLS

VS Code (Visual Studio)

CI/CD

Cloud Services

## PROJECTS

### GlamForge: E-commerce API

<https://github.com/kingkampala/GlamForge>

Empowering E-commerce with Node.js and Express.js

- Backend Development:** Developed a powerful backend foundation for e-commerce platforms leveraging Node.js as runtime and express.js as the framework ensuring seamless and sophisticated shopping experiences.
- Authentication and Authorization:** Implemented custom Tokens generation using JWT ensuring rigorous user authorization and authentication protocols with paramount security measures.
- Payment Integration:** Fully integrated with Stripe payment gateway for easy and seamless payment experience.

## EXPERIENCE

### Backend Engineer/Tutor

#### MejorTech Company (Start Up)

📅 02/2022 - 07/2023 📍 Anambra, Nigeria

Contributed to the development of a real estate website and software management, tutoring backend development to programming students.

- Revamping prominent real estate websites using technologies like Node.js and Express, resulting in optimized online presence and improved user experiences.
- Demonstrated adeptness as a backend development instructor, guiding students in server-side programming, databases, and API development. Implemented hands-on learning with practical coding exercises focused on Node.js, Flask, MongoDB, PostgreSQL and RESTful APIs.
- Utilized cloud services to optimize system performance and scalability.
- Worked closely with cross-functional teams to deliver timely and accurate software updates.
- Delivered comprehensive documentation for APIs, databases, and system architecture, enabling smooth knowledge transfer and onboarding for new team members.
- Participated in code reviews and provided valuable feedback to improve code quality.

### Software Programmer

#### ALX SE Africa

📅 03/2020 - 11/2021 📍 Nairobi, Kenya

Jointly developed and maintained software applications, contributing to various projects.

- Applied strategic problem-solving skills to identify and address complex technical challenges and introduced innovative solutions that significantly improved system efficiency and user experience.
- Engineered code optimizations to enhance system scalability and overall performance, also implemented solutions that contributed to a substantial improvement in application responsiveness.
- Maintained meticulous and clear documentation, enhancing knowledge transfer within the team and ensuring project sustainability. Prioritized documentation as a critical component of the development lifecycle.
- Utilized Agile methodologies to ensure efficient project delivery.
- Engaged in ongoing learning and professional development, staying abreast of emerging technologies and best practices in software development.
- Participated in peer code reviews and provided constructive feedback.

## EDUCATION

### Bachelor of Science in Engineering

#### Nnamdi Azikiwe University

📅 2018 - 2023 📍 Awka, Anambra

### A'level in IJMB

#### University of Ilorin

📅 2015 - 2017 📍 Ilorin, Kwara

## PROJECTS

### Blog API: Blog and Social Media API

🔗 [https://github.com/kingkampala/blog\\_api](https://github.com/kingkampala/blog_api)

Revolutionizing Content Management with Python and Flask

- **Backend Development:** Engineered a versatile backend architecture for blogging platforms using Python Flask, boasting features such as post liking, user following, and more, enhancing user engagement and interaction.
- **RESTful API Design:** Designed RESTful APIs for intuitive communication between client and server, enabling seamless interaction with blog content, user profiles, and social features like post liking and user following.
- **Database Management:** Integrated PostgreSQL for efficient data storage and retrieval, facilitating seamless management of user profiles, posts, and interactions.

### BridgeKamp: Real Estate API

🔗 <https://github.com/kingkampala/Bridge-Kampala>

Transforming Real Estate Interactions with Node.js and TypeScript

- **Dynamic Real Estate Marketplace:** Engineered an interactive hub for landlords to showcase properties and tenants to bid, cultivating a vibrant and competitive real estate ecosystem.
- **Secure Transaction Management:** Established a robust system to facilitate secure transactions between landlords and tenants, seamlessly integrated with a payment gateway for smooth financial exchanges. Additionally, implemented comprehensive email notifications for bid submissions, acceptances, rejections, and successful transactions, ensuring users remain informed throughout their interactions.
- **Streamlined Property Management:** Implemented advanced property management features, including tenant screening, lease management, and automated rent collection, optimizing operational efficiency and enhancing user experience.

## LANGUAGES

### Language

Native

