

Kennedy Muthuri

Software Engineer

Portfolio | muthurikennedy082@gmail.com | (+254)799068689 | [LinkedIn](#) | [GitHub](#) | Location: Kenya

SKILLS

Programming: Typescript, JavaScript, Nestjs, GraphQL, Microservices, HTML/CSS, SQL, Node.js, React.js, Nextjs, tailwind, C#, Dotnet, Blazor, Restful API, Tailwindcss, Jest, Zustand, Git, Azure, MySQL, Postgres, Prisma ORM, Apollo server

Tools: Visual studio code, IntelliJ, Postman, Git, Linux os, Windows os

EXPERIENCE

Applantus.com

Software Engineer

Remote

Sept 2023 – Mar 2024

- Architected and developed a Content management system using **server-driven UI** providing flexibility, agility, and centralized control of the project increasing developer productivity significantly.
- Dotnet, C#, Blazor, Rest API, Visual Studio

Applantus.com

Software Development Engineering Intern

Remote

June 2023 – Sept 2023

- Optimized a real-time chat application using WebSockets, **reducing latency** by 35% and improving the efficiency of real-time data exchange, resulting in a smooth user experience.
- Dotnet, C#, Blazor

PROJECTS

YourHub

Software developer

[yourhub.tech](#)

[Github link](#)

- Developed a learning and social web application for my developer community that seamlessly **integrates microservices**, graphql federated 2 to enable scalability for the application and enable teams to work on different features independently.
- Implemented and designed different **database systems** for each microservice, reducing performance bottlenecks while increasing flexibility and simplifying maintenance and upgrades.
- Typescript, Nextjs, Nestjs, GraphQL Federation 2, Prisma, MySQL, Postgres, Cockroachdb, Tailwindcss

Open source

Software developer

- Developed a customizable and flexible backend using Next.js, which resulted in a cost reduction of over 70% for the backend as a service. This allowed for increased control over the project.
- Typescript, Nextjs, GraphQL API, Apollo server, Postgres

ACTIVITIES AND LEADERSHIP

Google Developer Students Club

Technical lead

Moi University

Sept 2023 – present

- Initiated web development classes for community members and university students every Wednesday, and the attendance grew to over 50 students in each session and served as a tutor, motivator, and team builder.
- Derived lesson plans to teach the community members various programming technologies such as Reactjs, GitHub actions, and Open source contributions.
- Developed a responsive web application using Nextjs to show and help students learn to contribute to open-source projects, implement GitHub actions, and merge their pull requests.
- Managed a team of six tutors serving over 50 students.

EDUCATION

Moi University

B. Building and Civil Engineering Technology

Expected Graduation, Dec 2024

- o **Related Coursework:** Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Database Management Systems, C

Power Learn Project

Web development

Sept 2022- Dec 2022

- o **Related Coursework:** HTML, CSS, Reactjs