

Raymond Munguti

0115696564/0782280375
raymondmunguti163@gmail.com
<https://www.linkedin.com/in/raymondmunguti/>
<https://github.com/Terkihacks>

EXPERIENCE

National Treasury, Kenya — *Software Developer*

APRIL 2024 - OCTOBER 2024

- Developed and deployed web applications using the WAMP stack, improving system efficiency by 20%.
- Collaborated with a team to design clear and helpful interfaces, enhancing user satisfaction by 25%.
- Conducted user adoption monitoring post-launch to ensure continuous optimization and performance improvements.
- Contributed to an open-source project, internal tool, that involved complex data manipulation and algorithm design.
- Gained hands-on experience with PHP, applying data structure principles to solve real-world problems.
- Developed responsive front-end applications using React.js and TypeScript, improving page load times by 30% and enhancing user experience by implementing best practices in modern web development.
- Built and maintained full-stack applications leveraging the React ecosystem, leading to a 25% reduction in development time and ensuring seamless integration with back-end tracking, reducing bugs in production by 50%.
- Communicated complex technical concepts to non-technical stakeholders, facilitating a better understanding of project scope and expectations which improved client approval rates by 10%.

Knight Code, Remote — *Junior Frontend Developer*

Jan 2023 – Sept 2023

Frontend Development in JavaScript, HTML5, and CSS3

- Developed interactive, responsive web applications by leveraging JavaScript, HTML5, and CSS3, resulting in a 30% improvement in

SKILLS

JavaScript, HTML5, and CSS3

UI Design and Development
for Mobile and Web
Applications

Typescript

React

Object-Oriented
Programming (OOP) in
JavaScript

AWARDS

- Full Stack Development with Node.js and React (Udemy)
- Front End Development using Tailwind CSS (Udemy)

LANGUAGES

Spanish - Intermediate

English - Fluent

page load speeds and user engagement.

UI Design and Development for Mobile and Web Applications

- Designed and implemented intuitive, responsive UIs for both mobile and web applications, improving usability and achieving a high user satisfaction rate.

Agile Development (Scrum) Experience

- Collaborated in **Scrum** teams to deliver high-quality features in iterative sprints, reducing development time by 20% and maintaining flexibility in project requirements.

Reusable Code and Libraries

- Created modular, **reusable code and component libraries** for frontend use, which streamlined future projects and reduced code duplication by 40%.

Object-Oriented Programming (OOP) in JavaScript

- Built scalable and maintainable web applications by applying **object-oriented programming principles** in JavaScript, enhancing code organization and readability for long-term use.

User-Centered Design and Business Needs Translation

- Accurately translated user requirements and business needs into functional, user-centered frontend code, increasing overall product satisfaction by 25%.

EDUCATION

Laikipia University— Bachelor's *Degree*

Bachelor of Science in Information Communication Technology

Laikipia University

Nyahururu

2025

Ecoplan User Support System

Technologies: React ,Typescript, Node.js, AWS

- Developed cross-platform mobile applications using React Native, improving user engagement and reducing platform-specific bugs by 20%.
- Enhanced application scalability and maintainability by implementing

TypeScript across front-end code, reducing bug-related issues by 15%.

- Collaborated closely with backend developers to integrate REST APIs and ensure seamless data flow, contributing to a 30% increase in application performance.
- Actively participated in Agile meetings and sprints, delivering features on time while maintaining high code quality standards.
- Lead a team in rebuilding a new UI for User Support System

Peet's Granite & Building Solution

Technologies: React, Typescript, Node.js, AWS

Developed an online catalog for selling building materials for Peets Building Solution using React, TypeScript, Express, Node.js, and MySQL, leading to a 35% increase in online inquiries and streamlining the sales process by providing a user-friendly platform.

Built a dynamic, responsive user interface with React and TypeScript, improving the loading speed and user experience, leading to a 20% boost in customer engagement.

Implemented RESTful APIs with Express and Node.js for seamless integration between the front-end and back-end, ensuring reliable data flow and enhancing server response time by 25%.

Designed and managed the MySQL database, optimizing queries to handle a catalog of 1,000+ products, which reduced database query time by 30%.

Collaborated with stakeholders to gather requirements and integrate features such as product search, filtering, and a secure checkout, which resulted in a 15% increase in completed online sales.

Afyahub - <https://afyahub.vercel.app/>

A collaborative tool for the healthcare personnel to help the organization to improve the quality services offered to patients

Express.js & Node.js: Building the backend API to handle requests such as fetching patient data, creating teams, and generating reports. Express.js to manage routing, middleware, and API logic.

Database Integration: Leveraging MySQL to store and manage healthcare-related data, such as patient records, team performance reports, and team Activities schedule. The schema design (e.g., reports table, teams table) showcases my database architecture skills.

CRUD Operations: Implementing CRUD functionality for patient records, team management, and reporting systems.

JWT Authentication & Authorization: Ensuring secure access for users (patients, doctors, admins) by implementing role-based access control (RBAC) and token validation.

RESTful APIs: Developing RESTful services for data interaction between the frontend and backend, enabling smooth user experiences like fetching and updating patient information or generating health-related reports.