

# Maniple Kwizera

## Contact

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Rwanda - Kigali - Gasabo

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**Github**  
<https://github.com/maniplek?tab=repositories>

## Additional Skills

- Database Management: Experience with SQL and NoSQL databases, including PostgreSQL, MySQL, and MongoDB.
- Familiar with REST principles and API development, ensuring adherence to best practices.
- Version Control: Skilled in Git (GitHub, GitLab, Bitbucket) for source code management.
- Testing and Debugging: Experienced in writing and executing unit, integration, and end-to-end tests.
- Agile/Scrum: Proficient in Agile methodologies using tools like JIRA and Confluence.
- Responsive Web Interfaces with React.js
- Responsive Web Interfaces with Vue.js
- Software best practices
- Mobile optimization
- REST/GRAPHQL
- Javascript , Node.js/Express
- Python/Django

## Professional Summary

Detail-oriented and results-driven Full Stack Software Engineer with over 3 years of experience specializing in backend development. Skilled in designing and implementing clean, scalable, and maintainable software solutions across both frontend and backend technologies. Adept at collaborating effectively in distributed teams to deliver high-quality projects on time.

## Work Experience

December 2022 - March 2024  
**Software Developer at Codeland S.r.l | Italy, Roma | Remote**

- Spearheaded UI Design and Implementation: Led the creation of visually consistent, user-friendly interfaces using Material UI. This resulted in a 25% increase in user satisfaction and engagement.
- Directed React.js Customer Portal Development: Managed the development of a customer portal with React.js, leveraging Hooks and Redux for efficient state management.
- Integrated RESTful APIs and Advanced CSS Techniques: Implemented RESTful APIs for real-time data synchronization and utilized advanced CSS techniques for responsive design. Enforced strict typing with TypeScript for robust, reliable software.

2022 February - November 2022  
**Software Engineer | Zatec, Kigali, Rwanda | Remote**

- Designed and developed scalable backend microservices using JavaScript with Node.js and Express.
- Improved database performance and reliability with strategic management of SQL and NoSQL databases, including advanced query optimization and indexing.
- Led development of RESTful APIs adhering to industry standards.
- Validated backend functionality through rigorous unit, integration, and end-to-end testing.

August 2021 - February 2022  
**SOFTWARE DEVELOPER | Code Of Africa | Hybrid**

- Designed, implemented, and deployed a backend application using Django that facilitates Agile processes, with endpoints designed for optimal flexibility and collaboration. using the GraphQL tool in CI/CD process.
- Managed and optimized SQL databases, utilizing advanced querying, indexing, and data modeling techniques for efficient data storage and retrieval.

## Education

September 2017 - May 2021  
**Adventist University of Central Africa (AUCA) | Kigali, Rwanda |**

- Coursework focused on Software Architecture & Design, Object-oriented programming, and Software Testing.