

Fred Gitonga

Middle Web3 Engineer

SUMMARY

- Web3 Engineer with 2+ year experience in decentralized finance (DeFi) projects, specializing in scalable backend development and RESTful API design using Typescript, Golang and Solidity.
- Proficient in blockchain architecture, Web3 technologies, and smart contract development, with hands-on experience in Docker, MySQL, Linux, Git, and GitLab.
- Demonstrated ability to design, implement, test, and monitor backend solutions in fast-paced environments, contributing to cross-functional team projects.
- Experience in software development lifecycle (SDLC) practices, code quality assurance, and integration of new features enhancing end-user flows.

TECHNICAL SKILLS

Main Technical Skills	Go (2 yr.), Solidity (1 yr.), Solution Architecture Design, Web3
Programming Languages	Go (2 yr.), JavaScript (1 yr.), Solidity (1 yr.)
JavaScript Frameworks	React
Databases & Management Systems / ORM	MySQL (1 yr.)
Virtualization, Containers and Orchestration	Docker (1 yr.)
Version Control	Git (1 yr.)
Deployment, CI/CD & Administration	GitLab CI (1 yr.)
Operating Systems	Linux (1 yr.)
SDK / API and Integrations	RESTful API
Methodologies, Paradigms and Patterns	Solution Architecture Design
Blockchain and Decentralized Software	Web3

WORK EXPERIENCE

Web3 Engineer - Digitalyze Labs (DeFi Projects)

Duration: December 2025 - Present (6 months)



Summary:

- Contributing to decentralized finance (DeFi) projects by leveraging expertise in blockchain technology
- Focused on building scalable backends, RESTful APIs, and designing robust Web3 architectures to support DeFi applications

Responsibilities:

- Develop and maintain scalable backend systems for DeFi applications.
- Design and implement RESTful APIs to support decentralized finance services.
- Architect robust Web3 solutions ensuring security and scalability.

Software Engineer - Zone01 (Web Development and API Integration)

Duration: July 2025 - December 2025 (6 months)

Summary:

- Developed websites and APIs to enhance user experience and functionality
- Collaborated with cross-functional teams to integrate new features and improve end-user flows

Responsibilities:

- Developed websites and APIs using Golang.
- Tested and reviewed software code to ensure quality and functionality.
- Collaborated with cross-functional teams to integrate new features and enhancements for end-user flows.

Technologies: Golang, Javascript, MySQL, Docker, Linux, Git, Gitlab

Apprentice Software Engineer - Zone01 (Software Development Apprenticeship)

Duration: April 2024 - July 2025 (1 year 4 months)

Summary:

- Gained practical experience in software development focusing on backend development and API creation
- Supported development teams in delivering quality software solutions

Responsibilities:

- Assisted in developing websites and APIs using Golang.
- Participated in software testing and code reviews.
- Supported integration of new features and enhancements.

Technologies: Golang, Javascript, MySQL, Docker, Linux, Git, Gitlab

Co-Founder - Imara (Back-end Solutions Development)

Duration: February 2025 - November 2025 (10 months)



Summary:

- Planned, designed, implemented, tested, and monitored back-end solutions to support company operations
- The role involved leadership in technical development and strategic planning

Responsibilities:

- Planned and designed back-end architectures.
- Implemented and tested backend solutions.
- Monitored system performance and reliability.

Technologies: Golang, Solidity, React

Planning and Operations Executive - Hela Apparel Holdings (Procurement and Production Management)

Duration: October 2022 - April 2024 (1 year 7 months)

Summary:

- Oversaw procurement and production processes to ensure timely delivery of high-quality apparel products
- Managed end-to-end procurement for packing trims and coordinated garment orders while monitoring daily production operations

Responsibilities:

- Managed procurement processes for packing trims.
- Coordinated garment orders and production schedules.
- Monitored daily production operations to meet delivery timelines.
- Data Analysis

EDUCATION

- **Bachelor of Science - BS, Mathematics**
University of Nairobi
2017 - 2021

CERTIFICATION

- **Statistical Data Analysis using R**
- **Analyzing and Visualizing Data with Microsoft Power BI**
- **Analyzing Growth Drivers & Business Risks**
- **Introduction to International Transport and Logistics**
- **Introduction to Business Intelligence**

