

Beryl Christine Atieno

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Professional Summary

Resourceful and adaptable software developer with hands-on experience building robust, scalable applications across multiple languages and frameworks. Proven track record in designing and optimizing REST APIs and microservices, implementing secure authentication systems, and automating workflows with modern CI/CD practices.

Skills

Languages: Go, JavaScript, Typescript

Technologies: MySQL, Postgresql, CI/CD (Github Actions), Prisma, GORM, Git, AWS

Experience

Backend Developer

Remote

TCU Live

April 2025 – Sept. 2025

- Strengthened platform security and user trust by implementing robust Two-Factor Authentication (2FA) and secure password reset flows, reducing account recovery requests by **15%**
- Optimized high-traffic rental listing APIs, reducing average response times by **40%** and supporting growth to **over 1000** active users per day.
- Designed and deployed scalable database schemas with PostgreSQL and Prisma, cutting query execution time by **20%** and ensuring stability during traffic spikes

Software Developer

Nairobi, KE

HNG Tech

Feb 2024 – April 2024

- Reduced deployment time by **40%** by designing and implementing automated CI/CD pipelines using GitHub Actions
- Improved API reliability and cut average response latency by **25%** by building and deploying performant REST APIs.
- Boosted server efficiency by configuring Nginx as a reverse proxy, resulting in improved response times and reduced latency for deployed scalable APIs on AWS EC2.
- Boosted release quality by implementing unit and integration test coverage of **98%**, reducing production issues after deployments

Open Source Contributions

Mattermost

September 2025

Contributor, **Mattermost Backend Server**, bug fix

- Contributed a bug fix addressing a race condition in the thread update logic [PR 33825] [🔗](#)
- Improved system stability for concurrent posting operations

github.com/mattermost/mattermost [🔗](#)

Conveyor CI

September 2025

Contributor, **Log Storage**, new feature

- Enabled reliable storage and retrieval of structured logs by integrating BadgerDB, ensuring persistence, concurrency safety, and documented API access.
- Delivered documented API endpoints, concurrency-safe transactions, and comprehensive unit tests to improve system reliability. [PR 92] [🔗](#)

github.com/open-ug/conveyor [🔗](#)

OpenFn Adaptors

July 2025

Contributor, **MySQL Adaptor**, refactor

- Improved developer experience by refactoring the `sql()` operation's function signature for clearer, more flexible dynamic query building [PR 1274 [↗](#)]
- Enhanced database reliability by adding new options for safer query execution and optional SQL logging

github.com/OpenFn/adaptors [↗](#)

Projects

My Homefinder

[github.com](#) [↗](#)

- Developed a real estate listing application that streamlined the process of finding houses, renters, and buyers, enhancing user engagement.
- Implemented **two-factor authentication, advanced filtering, and review features**, increasing platform trust and usability.

Stoo Inventory Management

[github.com](#) [↗](#)

- Built a full-stack inventory management system tailored for small businesses to track stock, sales, and supplier data in real time.
- Implemented features such as low-stock alerts, automated invoice generation, and analytics dashboards, reducing manual tracking efforts by up to **40%**.

Education

Pwani University

BA in Economics

- Developed strong analytical, quantitative, and statistical reasoning skills through advanced coursework in mathematics and economics.