

# Beryl Christine Atieno

📍 Nairobi, Kenya (GMT+3)    ✉ berylatieno30@gmail.com    ☎ +254-704-454-824    🌐 berylatieno.me  
in linkedin.com/in/berylcatieno    🐙 github.com/BerylCAtieno

## Professional Summary

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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

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**Languages:** Go, JavaScript

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

## Experience

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### 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 **1K+** 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 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

## Projects

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### 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.
- **Tools Used:** Typescript, Prisma, Postgresql

### 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%**.
- **Tools Used:** Go, GORM, React.js, Postgresql

## Open Source Contributions

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### OpenFn Adaptors

July 2025

Contributor, **MySQL Adaptor**, mysql@3.0.0 Major release

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

[github.com/OpenFn/adaptors](https://github.com/OpenFn/adaptors) 

## Education

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### Pwani University

*BA in Economics*

- **Relevant Coursework:** Mathematics (Calculus, Linear Algebra, Statistics)