

Gilbert Mutai

Backend Developer

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WORK EXPERIENCE

LostInNL

Feb. 2024 - Present

Backend Developer

Canada, Newfoundland - Remote

- Utilized FeathersJS, built on NodeJs, to improve image generation by 10% and implemented a previews service.
- Developed the current Node.js server and integrated the codebase from AWS to GCP, resulting in a 5% improvement in image generation.
- Rewrote the codebase using FeathersJS, built on NodeJs, while migrating servers from Paperspace to runpods, resulting in a 10% improvement in performance.
- Implemented CI/CD pipelines using Docker and AWS, leading to a 40% reduction in deployment time and improved reliability.
- Designed and optimized database schemas using PostgreSQL, resulting in a 30% improvement in query performance.
- Implemented message queuing with RabbitMQ and BullMQ in a NodeJs environment, enhancing system scalability and reliability.

The Tech-Gaa Hub NGO

Jan. 2023 – Feb. 2023

Full-Stack Developer

Nairobi, Kenya

- Developed RESTful APIs using Nodejs, improving system integration and data flow by 50%.
- Utilized Redis for caching, resulting in a 60% reduction in database load and improved response times.
- Deployed and managed applications on AWS, leveraging services like EC2, S3, and RDS.
- Contributed to the full software development lifecycle, from research and design to development and deployment.

Highlighted Personal Projects

Oct. 2022 – Oct 2023

Full-Stack Developer

Remote

- Devoted over 1500 hours to mastering algorithms, data structures and full-stack development. This commitment resulted in a 50% improvement in my proficiency, as evidenced by successful project outcomes and coding assessments.
- Conducted daily standups to communicate with international remote developers, contributing to a 10% improvement in team collaboration, project alignment and overall productivity.

Kanga Feeds Limited

Sept 2019 - Oct 2022

Data Analyst

Onsite

- Leveraged R and Python to clean and combine existing datasets. Consolidated approximately 10,000 records from several Excel study files into a single, easily accessible dataset for faster analysis.
- Oversaw the financial management of the organization, including budgeting and forecasting.
- Leveraged R to do detailed analysis of administrative data: Using statistical and data manipulation techniques on frequently obtained data to develop insights.

EDUCATION

Microverse

San Francisco, CA

Fullstack Software Development Bootcamp

Oct. 2022 – Oct 2023

- Over 1500+ hours were spent remotely to master JavaScript, Ruby on Rails, Ruby, React & Redux, and HTML & CSS.

ADDITIONAL INFORMATION

- Strong problem-solving skills and proactive attitude in suggesting solutions and improvements.
- Experience with the full software development lifecycle, from research and design to deployment.

Skills

Experienced Backend Developer with a proven track record of designing and implementing scalable systems and delivering seamless mobile/web experiences. | Expert in Node, JavaScript, TypeScript and Ruby. **DevOps:** Docker, AWS, Kubernetes **Testing:** TDD methodologies **Version Control:** Git