

# Brian Kimutai

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## LINKS

[linkedin](#), [Github](#), [Portfolio](#)

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## PROFILE

Experienced Software Developer adept in bringing forth expertise in design, development, testing and maintenance of software systems. Equipped with a diverse and promising skill-set. Proficient in various platforms and languages. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

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## EMPLOYMENT HISTORY

Jun 2023 — Present

### Junior Software Developer (Internship), Norwegian Refugee Council

Nairobi

#### Responsibilities and Achievements

- Developed a Retrieval-Augmented Generation chatbot to streamline onboarding and enhance data analysis, reducing operational bottlenecks and providing a centralized knowledge base.
- Participated in code reviews and stand ups to ensure code quality, readability, and adherence to coding standards.
- Built a paperless model in the Request for Quotation module within the digital procurement system and reduced paper waste across the Eastern and Southern Africa regions by 80%
- Supported the team in identifying and resolving software defects and issues through troubleshooting and debugging techniques and actively participated in optimizing the system's performance, resulting in a 25% reduction in processing time.
- Optimized database queries to improve application performance and reduce response times by 34%
- Refactored legacy code to improve reliability, scalability and maintainability.
- Developed a system dashboard to monitor procurement performance and key system metrics
- Maintained a continuous integration/continuous deployment (CI/CD) pipeline that reduced time-to-deployment from 2 days to 4 hours across all applications
- Co-led training and deployment of in-house developed travel authorization and tendering applications across four counties, serving over 1000 users.
- Implemented automated testing that increased code coverage to 75%, reducing the number of production issues by 95%

May 2022 — Aug 2022

### ICT Student Internship, Margaret Thatcher Library (Moi University)

Eldoret

#### Responsibilities and Achievements

- Collaborated with other employees to achieve the institution's objectives in the field of web development and IT networking.
  - Engineered a custom library book catalog search algorithm using Python, improving search efficiency and accuracy, significantly enhancing user experience by 35%.
  - Optimized database queries and designed efficient database schemas in MySQL, enhancing application performance and scalability.
  - Provided ICT equipment trouble shooting, servicing and repair.
  - Gained proficiency in web development using PHP, WordPress, MySQL, and Apache, applying hands-on expertise to develop and deploy web applications and databases.
  - Installing, updating antivirus and other software including operating systems.
  - Provided robust IT networking support, delivering accurate and efficient solutions to diverse system-related challenges.
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## EDUCATION

Sep 2019 — Dec 2023

### Bachelor of Science in Computer Science, Kabarak University

Nakuru

- Graduated with Secend Class Honors Upper division
- Achieved first place in Google Health IT hackathon during my academic tenure

Jan 2015 — Dec 2018

### Kenya Certificate of Secondary Education, Mother of Apostles Seminary

Eldoret

- Graduated with a mean grade of B (60 points)

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## CERTIFICATIONS

Oct 2023

React Learning Program , Andela

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## SKILLS

MongoDB

React

Typescript

JavaScript

Python

Cross platform development with Expo

Next.js

MySQL

Node.js

Github

GraphQL

Django

Agile Development

PostgreSQL

Python

PHP

WordPress

Laravel

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## REFERENCES

**Mr. Ian Madara** from Norwegian Refugee Council

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**Dr. Laura Cheptegei** from Kabarak University

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**Mr. Antony Langat** from Moi University

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