



# Ben Maina

## Contact

### Address

Nairobi Kenya

### Phone

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## Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/ben-maina>
- <https://github.com/benweru>

## Skills

- **Development:** Mobile Application Development, Web Application Development, and Front-End Development
- **Data & AI:** Data Analytics, Data Scraping, Data Presentation using Python and Machine Learning.

I am a dedicated, forward-thinking **Informatics and Computer Science graduate** with a specialized background in **Data Analytics and Presentation**. I am a dynamic software developer with expertise in **mobile and web application development**. My academic background has equipped me with a strong foundation in **algorithms, networking, server administration, and machine learning**, thoroughly practiced through complex technical projects. I am well-positioned to leverage these skills to make meaningful, data-driven contributions to the field.

## Education

Expected  
in 2026-06

### Bachelor of Science: Informatics And Computer Science

Strathmore University - Nairobi

- Database Systems
- Software & Web Application Development
- Mobile App Development
- Machine Learning
- Probability and Statistics
- Cybersecurity
- Server Administration

2022-06

### Certification: Data Science

Strathmore University - Nairobi

- Data scraping & analytics using python.
- Data presentation using python.

2022-04

### High School

Light Academy - Nairobi

- Grade: B+

## Experience

2025-02 -  
2025-03

### Attachment

Chumz by Moneto, Nairobi, Kenya

- Supported product team by cleaning and organizing customer feedback logs and operational spreadsheets to improve data readability and reduce duplicate entries.
- Built and maintained concise documentation for troubleshooting steps and deployment flows to ensure reproducibility across the support team.

- **Systems & Networks:**

Networks and  
Networking, Server  
Administration,  
Cryptography, and  
Cybersecurity.

## Languages

### English

Bilingual or Proficient (C2)

### Swahili

Upper intermediate (B2)

2024-02 -

2024-03

- **Volunteer**

AIESEC Egypt, Alexandria, Egypt

- Taught children various subjects like math and science, but mostly focused on refining their English skills.
- Provided one-to-one support for students requiring additional assistance in specific subject areas.

## Projects

### AI Travel Itinerary Planner (LLMs, NLP)

#### (Capstone Project)

Developed a personalized travel itinerary generation system **leveraging in-context learning and supervised fine-tuning of lightweight large language models**. Implemented dataset preprocessing pipelines, prompt-target pair construction, and quantitative evaluation using BLEU and ROUGE metrics. Deployed model inference on GPU infrastructure using RunPod and Google Colab, with a FastAPI backend and Next.js frontend.

### Strathmover — Bus Seat Booking App

Developed a cross-platform bus seat booking **mobile application** using **Flutter** and **Firebase**, enabling users (e.g., students and staff) to register, log in, browse available trips, select seats, and manage trip history with real-time updates. Implemented features such as secure user authentication, filtering of bookings, user profile management, and efficient state management to enhance usability and performance.  
<https://github.com/benweru/Strathmover>