



# Ben Maina

## Contact

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Nairobi Kenya

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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	<b>Bachelor of Science: Informatics And Computer Science</b> <i>Strathmore University - Nairobi</i> <ul style="list-style-type: none"><li>• Database Systems</li><li>• Software &amp; Web Application Development</li><li>• Mobile App Development</li><li>• Machine Learning</li><li>• Probability and Statistics</li><li>• Cybersecurity</li><li>• Server Administration</li></ul>
2022-06	<b>Certification: Data Science</b> <i>Strathmore University - Nairobi</i> <ul style="list-style-type: none"><li>• Data scraping &amp; analytics using python.</li><li>• Data presentation using python.</li></ul>
2022-04	<b>High School</b> <i>Light Academy - Nairobi</i> <ul style="list-style-type: none"><li>• Grade: B+</li></ul>

## Experience

2025-02 - 2025-03	<b>Attachment</b> <i>Chumz by Moneto, Nairobi, Kenya</i> <ul style="list-style-type: none"><li>• Supported product team by cleaning and organizing customer feedback logs and operational spreadsheets to improve data readability and reduce duplicate entries.</li><li>• Built and maintained concise documentation for troubleshooting steps and deployment flows to ensure reproducibility across the support team.</li></ul>
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- **Systems & Networks:**  
Networks and Networking, Server Administration, Cryptography, and Cybersecurity.

## Languages

English  
  
Bilingual or Proficient (C2)

Swahili  
  
Upper intermediate (B2)

2024-02 -  
2024-03

- Collaborated with cross-functional teammates to triage issues and suggest UI improvements using user observations.

## 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>