

# Bernard Adala Wanyande - Full Stack Software Engineer

📍 Rotterdam, Netherlands    ✉ awanyande@gmail.com    ☎ +3168 418 93 71    🌐 adalawanyande.com  
in bernard-wanyande    📄 adala-wanyande

## Education

**Leiden University** Feb 2025 – Sep 2026  
*MSc in Computer Science: Data Science, GPA: 8.0/10* (Expected Graduation)  
◦ **Coursework:** Information Retrieval, Recommender Systems, Reinforcement Learning, Data Visualization, Bayesian Optimization, Deep Learning, Regulatory Governance, Social Network Analysis, Data Mining

**Strathmore University** July 2020 – July 2024  
*BSc in Computer Science, Grade: First Class Honours, Dean's List All Years*

## Skills

**Programming Languages:** Python, TypeScript, JavaScript, Dart, Bash, Kotlin, R, SQL (Certified)  
**Libraries & Frameworks:** FastAPI, React, Next.js, Express.js, Flutter, Pandas, NumPy, Scikit-learn  
**Tools & Platforms:** Git, VS Code, RStudio, Vercel, Docker, Azure, Databricks (Certified)  
**Soft Skills:** Leadership, Problem-Solving, Team Collaboration, Communication, Time Management

## Experience

**Data Science Intern** Wageningen, Netherlands  
*Unilever* [🔗](#) Feb 2025 – Sep 2025  
◦ Engineered pipelines with **Python, Pandas, GCP** to transform unstructured R&D time-series data into ML-ready datasets, accelerating predictive modeling by **6 months**, saving manual labor, and collaborating with **food technologists** in an Agile team.  
◦ Developed an **LLM-powered RAG assistant** using **LangChain, embeddings, FastAPI, Next.js** to generate onboarding learning paths, reducing training time, improving knowledge retrieval, in collaboration with business experts and university researchers.

**Software Engineer** Nairobi, Kenya  
*Risk Innovatis* [🔗](#), Kenyan Government Partner Aug 2024 – Jan 2025  
◦ Modernized legacy systems to modular **FastAPI microservices** and integrated **Google Translate** and **OpenAI GPT** APIs, enabling multilingual support and reducing development costs, collaborating with **senior engineers** and delivering value to **enterprise clients**.

**Software Engineer Intern** Tallinn, Estonia  
*Kodally* [🔗](#), Estonian GovTech Startup Jan 2024 – Jul 2024  
◦ Led development of a **Flutter mobile app** with **Firebase backend**, transforming Figma prototypes into a functional product used by **20+ clients**, collaborating with **UI/UX designers, MSc researchers, and startup stakeholders**.

## Projects and Hackathons

**Cardiovascular Disease Risk Prediction API - (BSc Final Project)** [github.com/cvd-api](https://github.com/cvd-api) [🔗](#)  
◦ Tools: Python, Flask, Scikit-learn, Pandas

**Soko V2 – E-commerce Platform** [github.com/soko-v2](https://github.com/soko-v2) [🔗](#)  
◦ Tools: Flutter, Firebase, Google Maps API

**ETH Global Hackathon Winner (2024)** [Showcase Video](#) [🔗](#)