

CONTACT

Kabali Fahad Maliki

📍 kyanja kampala, Uganda
☎ +256787167909
@ kabalifahad@gmail.com
in <https://www.linkedin.com/in/fahad-kabali-4383a514a/>

OBJECTIVE

Respectful and self-motivated software developer with a proven ability to find reliable solutions for complex software issues. Seeking a challenging position that allows me to leverage my expertise to design, develop, and maintain innovative web applications.

EXPERIENCE

December 2021 -
August 2023

- **Software Engineer**
Pegasus Technologies Uganda
 - Identified possible system enhancements to improving functionality and streamline administration.
 - Collaborated closely with cross-functional teams to understand requirements and translate them into effective technical solutions.
 - Utilized Python and data processing skills to manipulate and analyze large datasets, providing valuable insights for decision-making processes.
 - Played a pivotal role in optimizing application performance, reducing latency by 30%.
 - Conducted thorough code reviews, maintaining code quality and adhering to best practices.
 - Contributed innovative ideas to architectural discussions, enhancing system scalability.
 - Developed robust and performant APIs using modern frameworks, resulting in improved user experiences and reduced latency.

January 2021 -
November 2021

- **Junior Python Developer**
Agriworks Innovations Uganda Limited
 - Developed and maintained backend systems using Python and Django, ensuring seamless data flow and efficient API communication.
 - Assisted in migrating legacy code, enhancing code maintainability and system performance.
 - Implemented data processing pipelines, transforming raw data into actionable insights.
 - Collaborated with project managers to select ambitious, but realistic coding milestones on prerelease software project development.
 - Collaborated on stages of systems development lifecycle from requirement gathering to production releases.

June 2019 - August
2019

- **Software Developer Intern**
Nugsoft Technologies
 - Collaborated with front-end teams to design and implement API endpoints that aligned with user needs.
 - Monitored and maintained operational readiness of middleware applications.
 - Conducted code reviews, identified bugs, and implemented solutions for improved performance.
 - Participated in agile development processes, including daily stand-up meetings and sprint planning.

EDUCATION

SKILLS

- Programming Languages: Python (Advanced), SQL (Intermediate)
- Proficient with Git and GitHub for collaborative development
- Familiarity with Google Cloud Platform(GCP) and Amazon Web Services(AWS)
- Testing: Unit Testing, Test-Driven Development (TDD)
- Frontend Technologies and Frameworks
- Database Management: PostgreSQL, MySQL
- Strong analytical and problem-solving skills to deliver efficient solutions
- Effective team player with excellent communication and collaboration abilities
- Proven ability to thrive in dynamic start-up environments

PROJECTS

- **Catalyzing energy investments.**

The project aimed at analyzing national scale data throughout rural Uganda to create datasets to support investments in energy for productive uses, the most important being irrigation. A key data resource for the project was the interviews and observations collected in the field related to agricultural practices with other publicly available data sources. The analysis was focusing on the assessment of existing and potential irrigation, and other productive energy uses suited to rural areas. All the data collected and analysis undertaken for this project was to be shared fully with the Ministry of Energy Mineral Development. Policy insights from the work will be shared with private sector energy companies, particularly solar pumping system providers, as well as government, academia and other key participants

in planning national strategies for developing irrigation and other rural energy uses.

Technologies used: Python, Django, PostgreSQL, AWS, FastAPI

Outcome: Improved application performance by 40% through code optimization.

- **Image Classification System for Cassava Disease Detection**

The image classification system for cassava disease detection was an artificial intelligence software system that detected the presence of cassava diseases in cassava leaf image slides. It was a deep learning neural network recognizing patterns in cassava leaf image slides that might suggest the presence of cassava diseases.

Technologies used: Python, Tensorflow, Django, Numpy, keras

Outcome: Algorithm attained a percentage of 80% after training

CERTIFICATIONS

- **Deep Learning Specialization**
Issuing Organization: Coursera
Year: 2023
- **Software Testing Bootcamp**
Issuing Organization: Tunga
Year: 2022
- **Amazon Web Services**
Issuing Organization: Udacity
Year: 2022

REFERENCE

- Available upon request. -