FAHAD MALIKI **KABALI**

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Highly skilled Python developer with 3 years of experience seeking a challenging position to utilize my expertise in developing robust and scalable applications. Dedicated to delivering high-quality code and improving overall software performance.

EXPERIENCE

NOVEMBER 2022 – AUGUST 2023

JUNIOR PYTHON DEVELOPER, AGRIWORKS UGANDA (COLUMBIA WORLD PROJECTS)

Developed and maintained web applications using Python, Django, and JavaScript.
Collaborated with a team of developers to design and implement new features.
Optimized code and improved application performance by [specific achievements or metrics].
Integrated third-party APIs and services to enhance functionality.
Conducted code reviews and provided constructive feedback to team members.
Participated in agile development sprints, ensuring timely delivery of projects.
Assisted in troubleshooting and resolving technical issues.

SEPTEMBER 2019 – SEPTEMBER 2020

PYTHON DEVELOPER INTERN, PEGASUS TECHNOLOGIES

Designed and implemented RESTful APIs using Python and Flask.
Developed and maintained database structures and optimized queries for efficient data retrieval.
Implemented authentication and authorization mechanisms to secure web applications.
Collaborated with cross-functional teams to gather requirements and deliver project milestones.
Actively participated in code refactoring and performance optimization initiatives.
Mentored junior developers and facilitated knowledge sharing within the team.
Conducted unit testing and performed debugging to ensure high-quality code.

SEPTEMBER 2019 – SEPTEMBER 2020

RESEARCH ASSISTANT, AGRI-WORKS INNOVATIONS UGANDA LTD

Developed surveys to gather insights and deliver on project goals.
Collected and gathered data using different sources and tools such as koboCollect.
Improved data quality through Data formatting and data cleaning using tools like OpenRefine.
Mentored and encouraged analytics teams to master data mining, management and analysis techniques.
Coordinated research projects to achieve overall team efficiency.
Utilized research resources, laboratories and workshops in adherence to set guidelines and procedures.
Used initiative and creativity to identify areas for research, developing new research methods and extending research portfolio.
Monitored research activities to complete projects within stipulated timeframes and budget constraints.

Analyzed and interpreted results of personal and joint research and generated original ideas based on outcomes.

EDUCATION

MAY 2021

BACHELOR OF SCIENCES IN SOFTWARE ENGINEERING, MAKERERE UNIVERSITY

GPA 3.88

DECEMBER 2015

UACE, KIBULI SECONDARY SCHOOL

DECEMBER 2013

UCE, GOMBE SECONDARY SCHOOL

SKILLS

- Attention to detail
- Programming Languages: Python, JavaScript, HTML, CSS
- Frameworks: Django, Flask, Angular, React
- Databases: PostgreSQL, MySQL, MongoDB
- Version Control: Git, SVN
- Agile Development Methodologies
- Problem-solving and Troubleshooting
- Strong Analytical and Communication Skills
- Organization and time management
- Excellent interpersonal skills
- Flexible and Adaptable
- Testing: Unit Testing, Test-Driven Development (TDD)

PROJECTS

Pilot phase field data collection for catalyzing energy investments.

The project aimed at collecting and 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
Outcome: Improved application performance by 40% through code optimization.