

ARNOLD KAMAU

SOFTWARE ENGINEER

CONTACT

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Nairobi, Kenya

SKILLS

- Python, Rust, C, Java,
- Postgres, SQL, Oracle
- Django/ Flask/Javascript
- WebRTC and Websockets
- Linux/Unix
- Machine Learning
- Teamwork and Collaboration
- Continuous Integration Systems
- AWS and Azure Deployment

EDUCATION

Certificate

Coursera

Jan 2022

Machine Learning and Deep Learning
Specialisation

Kenya Certificate of Secondary Education

JG Kiereini High School

2016-2018

Scored an Average Mean Grade B+

LANGUAGES

English 
Swahili 
Spanish 

PROFILE

Results-driven Full Stack Software Engineer with expertise in web development, machine learning, and software engineering. Proficient in WebRTC, WebSocket, Django, JavaScript, and natural language processing, I excel at creating high-quality, scalable applications. A creative problem-solver with strong analytical skills, I stay updated with industry trends and leverage innovative solutions to tackle complex challenges. Committed to excellence and driven by a strong work ethic, I am eager to contribute my skills to exciting software engineering opportunities.

WORK EXPERIENCE

Upnyx Innovative Solutions Pvt.

Backend Developer Intern 2023 - Present

- Tested and resolved problems with software functionality and recommended improvements to applications.
- Programmed applications and tools using object-oriented languages with goals of code abstraction, stability and reuse.
- Improved and corrected existing software and system applications.
- Modified existing software to correct errors, adapt to newly implemented hardware or upgrade interfaces.
- Wrote reusable, testable and efficient code using Python

Freelancer

Freelancer 2021-2023

- Worked independently and with other team members to decipher problems and create solutions.
- Worked with clients to review ideas from sketches to finalize concepts.
- Met frequently with clients to gain understanding of goals and service needs.
- Utilized impressive time management and prioritization skills to meet challenging deadlines.
- Set specific goals for projects to measure progress and evaluate end results.
- Identified needs of customers promptly and efficiently.
- Reviewed project requirements to evaluate client time and budget constraints and plan workflows.
- Created plans to propose solutions to problems related to efficiency, costs or profits.
- Implemented strategies to take advantage of new opportunities.
- Organized client meetings to provide project updates.

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PROJECTS

Mar Programming Language

Jun 2023 - present

- Developed a user-friendly, object oriented programming language.
- Developed an interpreter for Mar, facilitating the execution of Mar Code.
- Created an intuitive and expressive syntax, for concise and readable code.
- Implemented core features, such as classes, smart functions and automatic memory management.
- Published extensive documentation and provided examples to assist developers in understanding and utilizing Mar effectively.
- Github Repo: <https://github.com/laradeaque/mar-lang>

AWARDS & ACHIEVEMENT

