

# ABED NGANGA NJUGUNA

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**Github:** <https://github.com/Nganga-A> | +254708281061 | **Portfolio:**  
<https://portfolio-nganga-a.vercel.app/>

## PROFILE SUMMARY

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A versatile full-stack software developer with a strong foundation in software development and a passion for creating efficient and high-quality solutions. My expertise encompasses a comprehensive understanding of software engineering principles and methodologies, which I adeptly apply to surmount complex problems. I thrive as a collaborative team-player, excelling in dynamic environments and derive genuine passion from tackling intricate technical challenges.

## WORK EXPERIENCE

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### Freelance Software Developer, January 2023 - present

As a freelance software developer, I have successfully undertaken various projects demonstrating proficiency in full stack software development. My responsibilities include collaborating with clients to understand project requirements and deliver efficient and scalable tailored software solutions.

### Kenya Bureau of Standards

#### Information Technology Intern, 2nd May 2022 –29th July 2022

- Technical Support. Aided in resolving IT issues, assisting users, and maintaining system functionality.
- Documentation. Created guides and reports for processes and incidents, promoting knowledge sharing.
- Technology Research. Explored new tech possibilities, suggesting innovative solutions for efficiency.

## EDUCATION

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### Moringa School

#### Software Engineering, 29th May 2023 - 27th November 2023

- Spent 1500+ hours mastering algorithms, data structures and full-stack development while simultaneously developing projects with React, Javascript, Python, Flask and Redux
- Developed skills in remote and hybrid pair programming using Github, industry standard git flow and daily standups to communicate and collaborate with international remote developers.
- Gained proficiency in building, documenting and implementing Restful, Restx, FastApi and API testing tools and frameworks.

- Acquired the crucial skill of meticulous software documentation by recognizing the significance of clear and comprehensive documentation.

## **Murang'a University of Science and Technology**

### **Bachelor of Science in Software Engineering, 23rd September 2019 - 28th April 2023**

- Completed comprehensive coursework and acquired substantial technical and theoretical knowledge of Software Design and Architecture, Mobile Applications Development, Knowledge Based Systems, Embedded Systems, Agile Test Driven Development and Software Quality Assurance.
- Learnt and gained a strong command of Object programming principles, enabling the creation of modular and scalable software solutions
- Gained knowledge and expertise in Computer Software security and Cryptography, ensuring the ability to identify vulnerabilities and implement security measures to protect sensitive information.
- Acquired a strong foundation of Data Structures and Algorithms, Artificial Intelligence including Knowledge Based Systems and Machine Learning.
- Learnt and got well-acquainted with professional practices and ethical considerations in software engineering, demonstrating a commitment to responsible and principled coding practices.

## **Google Africa Developer Scholarship (GADS)**

### **Google Cloud Platform(GCP), June 2022 – December 2022**

- Learnt and Interacted with Google cloud technologies and services
- Acquired knowledge and skills in Cloud infrastructure and computing, Software as a Service (SaaS), Platform as a Service (PAAS), Google Cloud Dataflow and Security and Identity Management.

## **SKILLS**

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- **Professional:** Remote & Pair Programming, Teamwork
- **Front-End:** Javascript, ReactJs, HTML5, CSS3, Tailwind CSS, NextJs
- **Back-End:** Python, Flask, Django, SQL, MySQL, PostgreSQL, Restful API, FastAPI, NodeJs
- **Tools & Methods:** Git, Github, Github Actions, Jenkins, Docker
- **Cloud Computing:** Software as a Service, Platform as a Service, Containers and Orchestration, Serverless Computing, Monitoring and logging, troubleshooting
- **Authentication and authorization:** JWT, OAuth
- **Soft skills:** Innovative spirit, Excellent written and verbal communication, Teamwork and collaboration

## REFEREES

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