

JOSEPH NJOROGÉ

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## ★ About Me

A motivated and innovative third-year student at Mama Ngina University, pursuing a BSc in Mathematics and Computer Science. I specialize in software development, data analysis, and web development, with a strong passion for solving real-world problems through technology. I am eager to apply my skills in Python, Java, React, and data science to make a meaningful impact in the tech industry. Constantly learning, experimenting, and building creative solutions, I am ready for the next challenge.

## 🎓 Education

Mama Ngina University

BSc in Mathematics and Computer Science (2026)

Relevant Coursework: Software Engineering, Algorithms, Data Structures, Database Management, Machine Learning

PowerLearn Project Africa

Software Engineering Course (Ongoing)

Cisco Networking Academy

Data Analytics(ongoing)

Ethical Hacking (Ongoing)

Magogoni Secondary School

Mean Grade: B-

Magogoni Primary School

Mean Marks: 342

### Skills & Expertise

Programming Languages: Python, Java, C, JavaScript, TypeScript

Web Development: HTML, CSS, React, Bootstrap

Data Science: Python (Pandas, Matplotlib, Seaborn), Data Analysis, Visualization, Machine Learning

Tools: Git, GitHub, VS Code, Jupyter, Docker

Soft Skills: Creative Problem Solving, Agile Methodology, Collaborative, Strong Communicator

### Certifications

Python Essentials 1 (Cisco)

Python Essentials 2 (Cisco Networking Academy )

Introduction to Data Science (Cisco Networking Academy)

### Projects

Bill App (Python)

Developed a simple yet effective app to track bills and expenditures, showcasing strong back-end development skills.

School Website

Designed and implemented a dynamic school website with interactive elements and user-friendly interface, built using HTML, CSS, and JavaScript.

## Python Projects on GitHub

Contributed to multiple Python-based projects ranging from automation tools to data analysis scripts.

## Work Experience

### Freelance Developer (GitHub)

Collaborated with open-source communities to develop and contribute to various web and Python projects for over 2 years.

Focused on enhancing user experience, streamlining code, and creating automated solutions.

## Hobbies & Interests

Coding: Continuously building side projects and experimenting with new frameworks.

Traveling: Exploring new cultures and broadening my global perspective.

Culinary Arts: Passionate about learning new recipes and experimenting in the kitchen.

Learning: Always reading, attending webinars, and taking online courses to stay ahead in the tech field.

## References

Available upon request.