

Contact

+254769557998

nyawargakgatchang@gmail.com

[Nyawargak-Gatchang](#)

[Nyawargak-Gatchang](#)

Education

AkiraChix

February 2024 – November 2024

codeHive – Diploma in Information Technology

Courses

Backend Development

Data and Software Architecture

Frontend Mobile Development

Frontend Web Development

UX Research

Product Management

UI/ UX Design

Skills

- CI/CD: GitLab CI, Jenkins Automated testing & deployment
- Cloud: AWS (EC2, S3, Lambda) Scalable app deployment
- Containers: Docker, Kubernetes Deployment & orchestration
- APIs: RESTful APIs, JSON, XML System integration
- Linux: Server management, cron jobs, firewall & permissions
- React.js & Next.js Building responsive, dynamic user interfaces and server-rendered applications
- HTML5 & CSS3 Semantic structure and modern styling practices
- PostgreSQL Schema design, relationships, and query optimization
- SQL Writing efficient queries, joins, subqueries, and aggregate functions
- ORM Integration – Experience using Sequelize in Django ORM to interact with PostgreSQL

NYAWARGAK GATCHANG

SOFTWARE DEVELOPER

About me

Renewable energy technologies have emerged as vital solutions addressing critical challenges linked to fossil fuels over the years. Nyawargak is inspired by the deployment of solar and wind systems in remote, underserved areas. As a software developer, she is deeply intrigued by the transformative potential of advanced software solutions in optimizing energy systems and reducing environmental footprints. Nyawargak envisions a future where global energy paradigms are transformed, driving significant environmental conservation efforts and fostering a resilient and eco-friendly energy infrastructure.

Experience

Software Developer Intern

BasiGo

March 2025 – June 2025

- Experience with OOP languages, applying principles of encapsulation, inheritance, and polymorphism in software development
- Skilled in creating responsive user interfaces using Material UI and modern CSS frameworks for optimal user experience across devices
- Familiar with Object-Relational Mapping (ORM) tools and comfortable writing SQL queries for PostgreSQL database operations
- Proficient in React.js and Next.js for building dynamic, responsive web applications, with experience in Django REST Framework for backend development
- Excellent in-code documentation skills, ensuring clean, maintainable, and well-commented codebases for team collaboration
- Experience working in Agile development environments, participating in sprints, stand-ups, and iterative development processes
- Experience with data science concepts and analytics tools for measuring product performance and user engagement metrics
- Comprehensive understanding of the complete software development lifecycle from concept to deployment and maintenance

Projects

Investika Mobile App

This platform aimed at empowering young people in Kenya to learn about financial investments, such as bonds, stocks, and money market funds. Through a gamified simulations youth are able gain the understanding of investment strategies such as stocks and bonds.

<https://github.com/Gatchang-nyawargak/Vivosparks-Mobile.git>

School

A school management system built with Django enables admins to track teachers, students, and courses, with data accessed and updated via JSON APIs.

<https://github.com/Gatchang-nyawargak/Rest-apis-django>

References

Linda Kamau

Founder and Executive Director – AkiraChix
lkamau@akirachix.com

Evans Koskei

Head of Software – BasiGo
ekoskei@basi-go.com