ANNE LIZA WANGUI
Backend Software Developer

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CAREER SUMMARY

Tech-savvy and results-driven Software Engineer with 1+ years of experience in full-stack development, including both front-end and back-end technologies. Proficient in JavaScript, Python Flask, React, HTML5, and CSS, with hands-on experience in backend API development , Openai api, twilio and cloud deployment on Netlify and Render. Passionate about creating scalable, interactive web and mobile applications, as well as mentoring teams and collaborating with leadership on strategic initiatives. Adept at utilizing data-driven insights and machine learning to support decision-making processes and improve business operations.

KEY SKILLS

Technical Skills:

- Languages & Frameworks: JavaScript, Python, Flask, React, HTML5, CSS
- Web App Development: Full-stack development, API design, responsive design
- Backend Development: Flask for building RESTful APIs and web applications
- Version Control: Git, GitHub (collaborating on open-source projects, version control)
- Cloud Deployment: Netlify, Render for seamless front-end and back-end deployment
- Database Management: SQL, data modeling, database design
- Machine Learning: Python, R, predictive modeling, data analysis, visualization
- Project Coordination: Event management, logistics, and cross-functional team leadership

Soft Skills:

- Strong communication, problem-solving, and collaboration skills
- Passion for teaching, empowering others, and supporting vulnerable communities
- High-level organizational and time-management abilities

PROFESSIONAL EXPERIENCE

Software Engineer Internship | CodSoft | Feb 2024

- Developed and maintained full-stack applications, utilizing React for front-end and Flask for back-end development, providing seamless user experiences across platforms.
- Designed and deployed RESTful APIs using Flask, improving data flow between the front-end and back-end systems.
- Leveraged GitHub for version control and Netlify/Render for deployment, ensuring reliable and scalable applications.
- Led machine learning projects, providing data-driven insights to enhance business decisions.
- Provided mentorship and technical guidance to junior developers on front-end and back-end best practices, fostering a collaborative environment.

Communications Specialist | United Grain Millers Association | Mar 2022 – Dec 2023

- Coordinated and managed events and workshops, ensuring alignment with organizational goals and effective knowledge sharing.
- Enhanced data-driven decision-making processes by providing actionable insights that led to a 20% increase in program efficiency.
- Supported the integration of data analysis tools and improved team efficiency through training and mentorship.

Data Analyst | Samasource Inc. | Jul 2021 – Feb 2022

- Led data analysis for machine learning projects, ensuring data integrity and accuracy, which improved AI model performance.
- Assisted in the development of data visualization dashboards and reports to aid business decisions.
- Provided training sessions on data analysis tools, improving team effectiveness and data accuracy.

Data Analysis Intern | Nairobi Water and Sewage Company | Apr 2019 – Jul 2019

- Developed SQL-based databases and reports to enhance data management and decision-making processes.
- Assisted in the creation of dashboards that provided senior leadership with insights into operational performance.

EDUCATION

AWS Re/start Certification
Ajira | 2025

Pro frontend Development
ALX School | 2025

Software Engineering Certification
Moringa School | 2024

Web Development
SheCodes Foundation | 2023

B.Sc. in Economics and Statistics
Chuka University | 2020

CERTIFICATIONS

- Artificial Intelligence Certification | Sama Source | 2022
- Web Development Certification | SheCodes Foundation | 2023
- Software Development Certification | Moringa School | 2024

INTERESTS

- Full-stack web development, coding, empowering others through technology, traveling, and researching new innovations in tech.

REFERENCES

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