Samuel Kaniu Ninga

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When I'm not staring at lines of code, you'll likely find me exploring the latest tech trends, tweaking my personal website, or experimenting with a quirky new project. From building responsive layouts that dance on any screen size to optimizing databases for seamless performance, I thrive on the balance of creativity and logic that this field demands.

Work Experience

Software Developer and Database Admin
Real Gold group limited, Nairobi, Kenya.
November 2022 to Present (full time)

Undertook multiple projects for the Somali government, focusing on developing critical systems such as visa registration, ID registration, and land registration.

1. Visa Registration System:
Designed and developed a web-based visa registration system using Django, Python, and JavaScript. Implemented secure authentication and data encryption measures to protect sensitive information and integrated it with external systems for data validation and verification, ensuring accuracy and reliability. Streamlined the visa application process, reducing administrative workload and improving efficiency.

Outcome:
- Reduced visa processing time by 30% through automation and streamlined workflows.
- Improved data accuracy and security, ensuring compliance with international standards.
- Enhanced user experience, resulting in positive feedback from both applicants and government officials

Database Administrator:
- Managed and maintained the databases for the systems mentioned above, ensuring data integrity, security, and high availability.
- Designed and implemented backup and recovery strategies to safeguard critical data.
- Conducted performance tuning and optimization to enhance system efficiency and response times.
- Monitored database performance, identifying and resolving issues promptly to minimize downtime.
- Collaborated with the development team to optimize database schemas and query performance.

UI/UX Designer
GALCK ke
August 2022 to Present (part time)
- Creating visually pleasing and consistent user interfaces that align with the brand's identity and guidelines and also with the campaign that was being run by the company.
- Collaborating with developers to ensure the technical feasibility of designs and providing necessary assets for implementation.
- Working closely with stakeholders to translate user needs into actionable design solutions.

Information Technology Support Assistant
Digital Imaging and Scanning International
December 2020 to July 2021
- Performing regular data backups.
- *V*erifying and correcting data in excel documents to ensure accuracy.
- Responding to user requests for technical assistance and support.
- Troubleshooting computer hardware and software problems.

Captioner & Transcriber
Rev.com
Jan 2019 to December 2020
- Audio-to-Text Conversion: Listening to audio recordings and accurately transcribing spoken content into written form.
- Formatting the transcribed text for clarity and readability.
- Maintaining strict confidentiality, especially when transcribing sensitive or private content.

SKILLS & CERTIFICATIONS
Technical skills:
Programming Languages: Python, JavaScript, PHP, C#, Java, Kotlin, TypeScript
Frameworks: Django, Express.js, React, Angular, Vue
Technologies: NextJs, Nodejs, MongoDB, TailwindCSS, Planetscale, Docker, AWS, Pandas, Matplotlib, Tableau, Jupyter Notebooks.
Soft Skills:
Communication, Problem-Solving, Collaboration, Adaptability, Time Management.

Certifications:
AWS: Monitoring and Reporting, Cybersecurity Foundations, Data Engineering Foundations, IT and Cybersecurity Risk Management Essential Training, Microsoft Azure: Networking Concepts, Python Data Analysis, SQL Essential Training, Analytics Academy: Advanced Google Analytics

Educational Background

Riara University
Bachelor's Degree in Computer Science
2018-2023

Mang'u High School
High School Diploma
2014-2017

OTHER PROJECTS

Fullstack-ecommerce-Admin-Dashboard
- Developed using React: A popular JavaScript library for building user interfaces.
- Utilized TypeScript: A statically typed superset of JavaScript that enhances code quality and maintainability.
- Built with Next.js: A framework for server-rendered React applications that provides features like routing, server-side rendering, and more.

Backend implementation for a login page using the MERN (MongoDB, Express.js, React, Node.js) stack
- Utilized Node.js: A server-side runtime for JavaScript to build the backend logic.
- Chose Express.js: A minimalist web application framework for building robust APIs and handling routing.
- Integrated MongoDB: A NoSQL database to store and manage user authentication data securely.
- Created a RESTful API that follows best practices for designing endpoints and handling requests and responses.
- Implemented user authentication using techniques like JSON Web Tokens (JWT) to ensure secure login sessions.
- Utilized bcrypt for hashing and salting user passwords before storing them in the database, enhancing security.

https://samsportfolio.vercel.app/