

FELIX TWOLI

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PROFESSIONAL PROFILE

A dedicated and talented Junior Web Developer with a Diploma in Computer Science and over 2 years of experience in software development, data analysis, and testing. Passionate about creating user-friendly web designs that provide an excellent user experience. Possesses exceptional problem-solving, analytical, and communication skills, as well as a keen attention to detail. A team player who thrives in a collaborative work environment and is eager to learn and keep up-to-date with the latest web development and data analysis technologies and industry trends.

SKILLS AND QUALIFICATION

- Diploma in Computer Science with 2 years of experience as a software developer building software at scale, and 6 months of experience as a data analyst using Python and R for statistical analysis.
- Proficiency with server-side languages such as Python, Java, or .Net, and utilising external APIs for integration with partner systems.
- Proficiency with fundamental front-end languages such as HTML, CSS, and JavaScript and frameworks such React and Svelte.
- Knowledge of web services and APIs, including RESTful APIs and GraphQL.
- Understanding of web security principles and implementation, including access control, encryption, and secure coding practices.
- Experience with relational database technology such as MySQL, PostgreSQL.
- Direct experience with non-relational database technologies such as MongoDB, DynamoDB, etc.
- Experience with AWS infrastructure or other similar cloud-based infrastructure services.
- Ability to write clean, efficient, and well-documented code.
- Strong problem-solving and analytical skills.
- Ability to work collaboratively with designers, developers, stakeholders, and other team members.
- Effective communication and time management skills.
- A passion for learning and staying up-to-date with the latest trends in web development and data analysis.

PROFESSIONAL EXPERIENCE

Software Developer, Code Particles Kenya, 02/2022 - Present

- Develop user-friendly web designs using HTML, CSS, JavaScript, React, and Svelte frameworks.

- Collaborate with the development team and stakeholders to understand project requirements and develop effective solutions.
- Write well-structured, maintainable, and well-documented code.
- Participate in code reviews to ensure the quality and integrity of the code.
- Debug and troubleshoot code issues to identify and resolve problems.
- Ensure the security and integrity of web applications and data by implementing best practices such as encryption, access control, and data backup.
- Test and debug web applications to ensure optimal performance and user experience.
- Optimise website performance for speed and efficiency, including managing website loading times, optimising images and videos, and minifying code.
- Develop and maintain APIs that enable integration between different software systems and platforms.
- Perform data analysis tasks, such as data cleaning, data visualisation, and statistical analysis using Python and SQL.
- Analysed and interpreted large datasets using statistical analysis tools such as Python and R.
- Developed and maintained data visualisation tools using libraries such as Matplotlib and D3.js.
- Prepared and presented reports based on data analysis to stakeholders to help inform business decisions.

Junior Web Developer, Smart Software Developers LTD, 2020-01/2022

- Assisted in the development and maintenance of user-friendly web designs using HTML, CSS, JavaScript, and related frameworks.
- Contributed to the development of technical specifications and architectural designs.
- Participated in Agile development processes, including daily stand-up meetings, sprint planning, and retrospective meetings.
- Collaborated with cross-functional teams to identify business problems and provide data-driven solutions.
- Implemented data cleaning and preprocessing techniques to ensure the accuracy and integrity of data.
- Developed and maintained data models to support data analysis and reporting.
- Performed ad-hoc analysis as needed to support business needs.
- Continuously improved software development processes and methodologies.
- Communicated effectively with team members and stakeholders to ensure project success and on-time delivery.
- Maintained and updated hardware and software systems used in the organisation.
- Documented support activities, including the problems encountered, the solutions provided, and any follow-up actions taken.

- Provided training and support to new team members on web development tools and technologies.
- Performed data analysis tasks, such as data cleaning, data visualisation, and statistical analysis using Python and SQL.

EDUCATION

2020-2022: Zetech University

Diploma in Computer Science

REFERENCES

References available upon request.