DUNCAN LANGAT

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CAREER PROFILE SUMMARY

Highly motivated and talented recent graduate with a background in Software Engineering and expertise in Full-stack Development. Skilled in HTML, CSS, JavaScript, ReactJS, Ruby, and Ruby on Rails. Seeking entry-level opportunities to apply my technical skills and contribute to innovative software engineering projects. Proficient in both front-end and back-end development, with a strong understanding of HTML, CSS, and JavaScript. Experienced in developing responsive and user-friendly web applications.

In-depth knowledge of ReactJS and its ecosystem, including Redux and React Router. Able to design and build interactive user interfaces and complex web applications using ReactJS. Solid understanding of Ruby programming language and Ruby on Rails framework. Capable of developing robust and scalable web applications using Ruby and following best practices in Rails development. Strong analytical and problem-solving skills, honed through my background in Electrical Engineering. Able to identify and resolve technical issues efficiently and effectively.

Excellent interpersonal skills and the ability to work collaboratively in a team environment. Effective communication skills to convey complex technical concepts to both technical and non-technical stakeholders. A passion for learning and staying updated with the latest trends and technologies in software development. Committed to expanding my skillset through continuous self-improvement and professional development. Demonstrated ability to quickly adapt to new technologies, programming languages, and frameworks. Flexible in handling changing project requirements and eager to take on new challenges.

As a recent graduate with a background in Electrical Engineering and expertise in Full-stack Development, I am eager to leverage my skills and knowledge to kickstart my career in software engineering. I am seeking an entry-level position where I can contribute to innovative projects, collaborate with a dynamic team, and continue to grow as a software developer.

KEY SKILLS AND COMPETENCIES

- **Full-stack Development**: Proficient in both front-end and back-end development, with expertise in HTML, CSS, JavaScript, ReactJS, Ruby, and Ruby on Rails. Able to design and build interactive and responsive web applications.
- **Problem-solving**: Strong analytical and problem-solving skills, developed through an Electrical Engineering background. Capable of identifying and resolving technical issues efficiently.
- **Collaboration and Communication**: Excellent interpersonal skills and the ability to work collaboratively in a team environment. Effective communication skills to convey complex technical concepts to both technical and non-technical stakeholders.
- **Adaptability**: Quick to adapt to new technologies, programming languages, and frameworks. Able to handle changing project requirements and eager to take on new challenges.
- **Project Management**: Skilled in managing project timelines, prioritizing tasks, and meeting deadlines. Experienced in working on multiple projects simultaneously and delivering high-quality results.
- **Creativity and Innovation**: Ability to think creatively and bring innovative solutions to software development projects. Continuously exploring new ideas and approaches to enhance the user experience.
- **Attention to Detail**: Meticulous approach to coding, ensuring clean and well-documented code. Strong focus on quality assurance and delivering error-free applications.
- **Continuous Learning**: A passion for learning and staying updated with the latest trends and technologies in software development. Committed to expanding skills through continuous self-improvement and professional development.
- **Technical Aptitude**: Solid understanding of software engineering principles, data structures, algorithms, and object-oriented programming concepts. Familiarity with database management systems and version control tools.
- **Teamwork and Leadership**: Ability to work effectively as part of a team, contributing ideas and collaborating to achieve project goals. Demonstrated leadership skills in coordinating and guiding team members toward successful project completion.

WORK EXPERIENCES

Software Intern / Prodigy InfoTech   *10/2023*

- My focus was on learning and gaining practical experience in software development. I had the opportunity to work alongside experienced professionals, attend training sessions, workshops, and participate in hands-on projects.
- I was involved in the software development lifecycle, including requirements gathering, coding, testing, debugging, and documentation. I worked on specific modules or components of software applications under the guidance and supervision of senior developers.
- Close collaboration with other team members, such as software engineers, designers, and quality assurance specialists, was essential to develop and deliver high-quality software solutions. This involved participating in meetings, brainstorming sessions, and code reviews to ensure efficient and effective development practices.
- I was responsible for solving technical problems and troubleshooting issues that arose during the development process. I gained experience in identifying and resolving software-related challenges.
- Contributed to testing software applications to ensure they met quality standards. I performed manual and automated testing, identified and reported bugs, and worked closely with the quality assurance team to ensure the software functioned correctly and met user requirements.
- Responsible for documenting my work, including code documentation, technical specifications, and project progress reports. Clear and concise documentation was essential for effective collaboration and knowledge sharing within the team.
- Had opportunities for continuous learning and professional growth, staying up-to-date with the latest technologies and industry trends, participating in training programs, and seeking feedback from mentors and senior team members to enhance my skills and knowledge.
- Followed established coding standards, development methodologies, and best practices in software engineering. I wrote clean, maintainable code, used version control systems, and adhered to security and data privacy guidelines.
- Effective communication was crucial in a team environment. I communicated my progress, challenges, and ideas effectively with team members and stakeholders. I provided regular updates, sought clarification when needed, and actively participated in discussions.

EDUCATION AND TRAINING

Diploma in Electrical Engineering (Telecommunication)
Nairobi Technical Training Institute

Certification Software Engineering
Moringa School

Kenya School of Secondary Education
Kaplong Boys High School

PORTFOLIO WEBSITE

https://danportfoliochi.vercel.app/

GITHUB LINK

https://github.com/DuncanLangat65

REFERENCES

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