Bosire N

Python Django Developer, 3+ years experience
Nairobi, Kenya
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I am a seasoned Python Developer. My experience results from contributing to open-source projects. I have written for major publications on Medium, including Python in Plain English and Stackademic. I am upskilling and learning web optimization by mastering content delivery networks (CDN), using caching technologies for faster file transfer.

INDUSTRIES: Software and Platforms, Education

TECHNICAL SKILLS

• Flask	3 years
• Python	3 years & 5 months
• RESTful API	3 years & 3 months
• AWS	3 years
• PostgreSQL	3 years
• Kubernetes	3 years & 5 months
• Docker	3 years
• Technical Writer	3 years
• Automation	2 years

SOFT SKILLS

Communication, Problem-solving, Teamwork, Critical thinking

PROJECT DETAILS

• Trivia Apia August-2022 - September-2022

Project Description: I managed to include best practices in designing and implementation Test Driven Development(TDD), and design principles such as Stateless communication, and representation
Responsibilities: Backend: I developed the whole web application from scratch. I employed best development practices, including using package structure and blueprints, TDD, and deployment. I adopted a microservice architecture that enabled easy testing.
Technologies: Python Flask PostgreSQL HTML CSS
Industry: Software and Platforms

• Knowledgehub May-2023 - July-2023

Project Description: It is an online e-learning platform where users can find free online courses. I use APIs to list courses from Coursera Cisco on the knowledge hub. I built it with Python/Flask, Bootstrap, and some JavaScript
Responsibilities: I developed the whole web application from scratch. I employed best development practices, including package structure and blueprints, TDD, and deployment. I adopted a microservice architecture that enabled easy testing.
Technologies: Python Flask Postgresql Bootstrap CSS JavaScript
Industry: Education

EMPLOYMENT HISTORY

• Technical Writer March-2019 - September-2022

Description: I composed articles to be published in the publication, covering a set of topics outlined by the publishing company. I conveyed clear and easily understandable directions regarding software installations, providing guides on how to perform diverse actions. I completed timely and effective revisions of material, clarifying details or adding last-minute changes when asked by clients. Additionally, I authored in-depth technical documentation, including how-to guides and installation instructions for Python-related software, ensuring comprehensive support for users.

• Web Developer June-2018 - January-2020

Inceptor Technologies

Description: Initiating collaboration with technical and product teams, I actively engage with both groups to understand development needs and terms, ensuring alignment between project requirements and team capabilities. Analyzing clients' requirements is crucial for me to understand their needs and expectations, then prioritizing suggested features to deliver the most value. I write well-structured, well-tested, and clean code with the Python programming language to create new applications that are efficient, maintainable, and scalable. Testing and debugging applications end-to-end is necessary for me to identify and resolve any glitches or performance issues, ensuring a smooth user experience. Integrating real-time, fast data storage solutions enables applications to efficiently manage and process large volumes of data, enhancing performance and responsiveness. Coordinating with front-end developers is vital for seamless application integration, ensuring that the back-end functionality aligns with the user interface and overall user experience. This collaboration facilitates cohesive and intuitive application development.

CERTIFICATION

- Google IT Support by Google 2023
- IBM Data Engineer by IBM 2023
- Full-Stack NanoDegree Programme by Udacity 2022

EDUCATION

- Bachelors degree in Social Sciences from Chuka 2014 - 2018

LANGUAGES

- English - advanced

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