

Mark kibocha

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Summary

Highly skilled backend web developer with extensive experience crafting robust and versatile APIs. I leverage a diverse technology stack, including Python, Node.js, and C#, to design and implement APIs that meet complex business needs. My proficiency in RESTful principles and various frameworks ensures clean, efficient, and developer-friendly interfaces.

Experience

FINTECH GROUP | Nairobi

Software Developer Intern | 09/2023 - 12/2023

- Collaborated with cross-functional teams to design, develop, and test software solutions for a financial system project.
- Upgraded a legacy VB-based financial system to Next.js (front end) and C# (back end), demonstrating proficiency in modern technologies.
- Wrote clean, maintainable, and efficient code in adherence to product specifications, ensuring the longevity of software solutions.
- Worked closely with senior developers and product architects to understand project requirements and deliverables, contributing to effective project planning and execution.
- Actively engaged in learning opportunities to enhance technical skills, staying updated on industry trends, and exploring new technologies and tools to improve the development process.
- Documented code, processes, and software designs to facilitate knowledge transfer and future maintenance, creating a robust knowledge base for the team.
- Created and maintained technical documentation for reference and training purposes, ensuring a comprehensive understanding of project components.
- Collaborated with team members to identify and address technical challenges, fostering a problem-solving mindset within the development team.
- Participated in code reviews to ensure code quality and adherence to coding standards, contributing to the overall improvement of the development process.
- Assisted in the creation and execution of test plans to ensure the quality of software applications, actively participating in beta testing to promptly identify and resolve software defects and issues.
- Provided regular updates on project progress during product meetings, ensuring transparent communication with stakeholders.

T-UNT | Nairobi, Karen

BACKEND DEVELOPER | 04/2023 - 06/2023

API Development: I contribute to the creation and maintenance of RESTful APIs using Django Rest Framework. This included designing API endpoints, implementing authentication and authorization mechanisms, and ensuring proper data validation and serialization.

Continuous Learning and Growth: Throughout my internship, I proactively sought opportunities to expand my knowledge and skills. I stayed updated with the latest advancements in Django and Django Rest Framework, explored best practices, and implemented them in my work to ensure code quality, maintainability, and scalability.

Overall, my contributions as a backend developer at T-unt involved developing new features, resolving issues, managing databases, creating RESTful APIs, and actively collaborating with the team. I am proud of the accomplishments achieved during my time at T-unt and the positive impact I made in maintaining and improving the T-unt app.

KPMG | Nairobi, Kenya

Data Analyst Intern | 02/2023 - 04/2023

- Collecting, cleaning, and processing data from various sources to ensure it is accurate, complete, and consistent.
- Analyzing large datasets using statistical methods to identify trends, patterns, and insights that inform business decisions.
- Developing and implementing data models, algorithms, and statistical models to solve complex business problems and optimize decision-making.

MINISTRY OF INNOVATION, COMMUNICATION AND YOUTH AFFAIRS | Nairobi, Kenya

IT Support Intern | 05/2022 - 08/2022

- Assisting with the setup, maintenance, and troubleshooting of local area networks (LANs), wide area networks (WANs), and other network infrastructure.
- Conducting regular maintenance checks on computer systems and equipment to ensure optimal performance.
- Collaborating with other IT team members to diagnose and resolve technical problems. Configuring and managing network devices such as routers, switches, firewalls, and access points

Accomplishments

- By creating an attaches management system I managed to time save and reduce work load for the supervisors.
- Managed to increase productivity and also improve attaches management as the system was able to generate reports.

Hard Skills

Python, Django, Api development, JavaScript, Git, SQL, Data Analysis Skills, Communication skills, NoSQL, IT Support, .NET, ReactJS, Next js

Soft Skills

- Adaptability in a dynamic environment
- Teamwork
- Problem solving
- Time management
- Written communication skills
- Follow instructions to the letter

Education

Moringa School | Nairobi, Kenya

Software Engineering | 12/2023

- Currently completing courses in software engineering including but not limited, Javascript React , Python and api developement using flask

The Co-operative University of Kenya | Nairobi

Bachelor's degree in Computer Science | 12/2023

Graduated with a First Class Honours

UDACITY | Nairobi, Kenya

Data analysis | 02/2023

- Collecting, cleaning, and processing data from various sources to ensure it is accurate, complete, and consistent.
- Analyzing large datasets using statistical methods to identify trends, patterns, and insights that inform business decisions.
- Creating and maintaining data visualizations, dashboards, and reports to communicate findings to stakeholders.
- Developing and implementing data models, algorithms, and statistical models to solve complex business problems and optimize decision-making.

East Africa Institute Of Certified Studies | Nairobi, Kenya

Internation certificate of digital skills | 04/2019

Modules completed include:

- computer essentials
- online collaboration
- word processing
- spreadsheets
- powerpoint
- Microsoft access

The Nyahururu High School | Nairobi, N/A

KCSE | 11/2018

- Graduated with a B-

projects

1. Nairobi CBD online parking reservation system - was created using Django as the backend and HTML, CSS, Bootstrap, and JS for the frontend. The system uses Mpesa API integration for payment and MySQL for the database. Google Maps API is used for navigation. The system allows customers to reserve a parking space online, overcoming the need to physically go to the parking lot to reserve a spot. The system also maintains details of the vehicle owner, number, type, date, and the amount of time the vehicle is parked in the area. The system generates a bill for the particular vehicle parked in the area
2. Attaché Management System: This project involved designing and developing a web-based system for managing the records of attachés in a government agency. As project manager, you oversaw the entire project lifecycle, including requirements gathering, design, development, testing, and deployment. You collaborated with a team of developers and stakeholders to ensure that the system met the agency's needs and was user-friendly.
3. E-commerce backend system using DRF - The backend system was designed to handle various eCommerce functionalities, including product management, order processing, user authentication, and payment integration. Leveraging Django's ORM capabilities, the project efficiently organized and stored product data, enabling seamless searching, filtering, and retrieval of products.
4. Data Wrangling Project: This project involved cleaning and transforming a large dataset from multiple sources into a format that could be used for analysis. As project manager, you developed a data wrangling plan and oversaw a team of data analysts who worked on cleaning and preparing the data. You ensured that the data was accurate, complete, and consistent, and that the final dataset was ready for analysis.
5. Data Visualization: This project involved creating visualizations and dashboards to communicate the insights from a large dataset. As project manager, you worked closely with data analysts and stakeholders to identify the key metrics and insights to be visualized. You oversaw the design and development of the visualizations and dashboards, ensuring that they were user-friendly and communicated the insights effectively. You also ensured that the visualizations were responsive and could be accessed on multiple devices.

Github link

<https://github.com/mark-kibo>

Referees

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