JAMES MUMO

Software Engineer

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PROFILE

Junior software engineer with experience in building clean, efficient, scalable Full-stack applications. Proficient in Python, Java, JavaScript, and Node.js, with hands-on experience in Django, React, React-Native, Express.js, and Redux. A collaborative team player with excellent communication and problem-solving skills to work effectively with cross-functional teams.

JavaScript Typescript Python Node React Git ExpressJs React React-Native Java SQL NoSQL MongoDB

PROFESSIONAL EXPERIENCE

Frontdoor Kenya, *Software Engineering Intern*   Dec 2024 – present | Nairobi, Kenya

I am currently working as an Intern at Frontend where my duties are:
- Conducting Search Engine Optimization (SEO) by performing keyword research, optimizing website content, and implementing strategies to improve search engine rankings.
- Managing and updating content management systems (CMS) platform, creating and editing pages, troubleshooting issues, and adding JavaScript functionalities.
- Regularly updating website content, fixing bugs, and ensuring optimal performance and security.
- Collaborating with design and development teams to implement features, conduct usability testing, and enhance website functionality.

Cody Developers, *Software Engineer Intern*   Aug 2023 – Jul 2024 | Nairobi, Kenya

Currently working on a Clean Energy Solutions Platform where I am involved in:
- Developing software solutions for clients based on their requirements remotely using React, NodeJs and Express.
- Designing, building and maintaining seamless, low latency, REST API's that provided a reliable and fast communication interface between client and server
- Developing and implementing secure authentication and authorization system for the system using JWT and OAuth

PeFrank Smart Solutions, *Software Engineering Intern*   May 2023 – Aug 2023 | Thika, Kenya

- Leveraging React and React Redux, we created dynamic and exceptional user interfaces.
- Worked collaboratively in the design, implementation, and deployment of backend systems using Node.js and Express to create high-performance APIs with optimized functionalities, catering to diverse systems such as e-commerce and other applications.
- Involved in designing and implementing MySQL and MongoDB database schemas that are capable of seamless integration in existing systems for scaling and enhancing system performance.

TechInteligent Limited, *Web Development Intern*   Oct 2022 – May 2023 | Thika, Kenya

- Executed creation of MySQL/MongoDB database schemas and entity-relationship diagrams to guide in the backend database implementation process.
- Collaborated with the SE Team in maintaining existing Flask andDjango projects by refactoring code to improve user experience and functionalities.

EDUCATION

Gretsa University, *Bachelor of Science in Computer Science*   Sep 2018 – Dec 2023 | Thika, Kenya
- Gained experience in JavaScript, React, Vue, Node.js, Express, Flask, Django, and Next.js, building both front-end and back-end applications.
- Studied Data Structures and Algorithms, improving problem-solving skills and working with databases like MySQL, PostgreSQL, and MongoDB.
- Completed hands-on projects and team-based assignments enhancing collaboration and communication skills through Agile and Scrum methodologies.

St Mary's IT School, *Certificate in Web Development*   Jan 2018 – Aug 2018
- Learnt basics of Web development, Software Installation and Networking Hardware Configuration

PROJECTS

Vue Dashboard Analytics

A Vue Js Admin DashBoard For Making Visualisations and Summary by use of Charts and Graphs. The App also acts as an inventory for an Ecommerce Store. An Analytics & Mailing Functionalities are also provided.

View App -> *https://github.com/james-mumo/rental-hub-rn*

Datawarehousing-Automation-with-GCP-Airflow

Automating data warehousing in GCP using Apache Airflow workflows.

View Code -> *https://github.com/james-mumo/Datawarehousing-Automation-with-GCP-Airflow*

More Projects are on my Github 🔗
https://github.com/james-mumo?tab=repositories

CERTIFICATES

- Bachelor of Science in Computer Science

- Introduction to Data Analytics (Simplilearn)

- Certificate in Web Development and Networking Basics

REFERENCES

Evans Elcanah, *Software Engineer,* Cody Developers
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Edwin Sangalo, *Frontend Developer,* TechIntelligent, Thika
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