





IAN MUCHESIA

SOFTWARE DEVELOPER

CONTACT

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-  Nairobi, Kenya

SKILLS

Python
Typescript
Linux
Javascript
PostgreSQL
C#
GIT & GITHUB
AWS

EDUCATION

LINUX

Bachelor of Science(Mathematics)

MASENO UNIVERSITY

2017-2022

Acquired skills in data analysis using tools such as python, r and data storage using MySQL.




DIPLOMA IN IT

MOUNT KENYA -MOMBASA

2022-2024

Acquired intermediate programming skills which helped me created full featured mobile and web apps.

LANGUAGES

- Typescript 
- C# 
- Python 

PROFILE

Highly motivated Full Stack Developer with expertise in modern web development technologies. Proficient in TypeScript (including React, Next.js, and Express), C# (.NET), Python (for task automation), and various databases (MariaDB, PostgreSQL, MongoDB). Experienced with cloud infrastructure on AWS and containerization using Docker. Eager to contribute to innovative projects and continuously expand my skill set.

WORK EXPERIENCE

Software Engineer(Full Time)

More Classifieds

2024 May-present

- Full-Stack Development: Led the development of both frontend and backend systems using React, Next.js, and TypeScript for the frontend, and C# with .NET for the backend, providing a seamless user experience.
- Backend Optimization: Migrated the legacy system to .NET, improving overall performance by more than 50%, and optimized server management using Linux Bash and automation scripts in Python.
- Scalable Infrastructure: Managed and deployed applications on AWS, using Docker for containerization and ensuring scalability and high performance across environments.
- Database Management: Administered and optimized MariaDB, enhancing data management efficiency and reducing query times.
- Automation: Streamlined server tasks using Python, automating routine operations and improving operational efficiency.
- Project Ownership: Took full ownership of the development lifecycle, from planning and design to development, testing, deployment, and ongoing maintenance, ensuring the system's stability and scalability.

Lead Developer(Freelance)

Lutta and Associates

2023 November-2024 May

- Full-Stack Development: Designed and built a secure legal document management system using Laravel (backend) and React (frontend) with TypeScript for strong typing.
- Document Management: Implemented functionalities to store, organize, and retrieve legal documents like summons, letters, affidavits, etc.
- Scalable Architecture: Deployed the application on Digital Ocean utilizing separate VPS droplets for optimal performance: one for the application server and another for secure file storage.
- Database Integration: Established a robust connection with PostgreSQL to efficiently manage and query legal documents within the system.
- Intuitive Dashboard: Developed a user-friendly dashboard interface using React, enabling law firm personnel to easily access, manage, and track legal documents.
- Version Control: Utilized Git for efficient version control, facilitating collaboration and streamlined project management.

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TO WHOM IT MAY CONCERN,

I'm a passionate developer driven by the challenge of building powerful and user-friendly applications. My full-stack development experience enables me to leverage a diverse set of technologies to effectively tackle complex projects.

At the forefront of my skillset is a strong foundation in front-end development. I excel at creating intuitive, visually appealing user interfaces using frameworks like React and Next.js. On the back-end, I'm proficient in C# (.NET) and TypeScript (Express, NestJs), allowing me to build robust and scalable server-side applications.

Furthermore, my expertise extends to database management, where I work with both relational databases (MariaDB, PostgreSQL) and NoSQL solutions (MongoDB) to ensure efficient data storage and retrieval tailored to each project. Additionally, I have experience deploying applications on AWS, utilizing Docker for containerization, which ensures optimal performance and scalability.

This diverse skill set, combined with my commitment to continuous learning, enables me to adapt to new technologies quickly and become a valuable asset to any development team.

SINCERELY,



IAN MUCHESIA
