

JOSHUA OTIENO

PYTHON DEVELOPER

CONTACT

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SKILLS

- Python
- Django
- HTML5
- CSS
- Tailwind
- JavaScript
- React
- SQL
- MongoDB
- Git and Github
- SEO and Digital Marketing
- Technical writing

EDUCATION

Rongo University

2016-2020

BA in Applied statistics with computing

Nyang'ori high school

2012-2015

Kenya Certificate of Secondary Education

PROFILE

A Python Developer and Full Stack Web Developer with 4 years of experience specializing in Django, HTML5, CSS, Tailwind, and JavaScript. Proven expertise in developing innovative, efficient, and scalable web solutions. Demonstrates a strong ability to deliver projects on time and within budget while staying updated with the latest technologies. Collaborative team player with exceptional problem-solving skills and effective communication abilities, seeking a role to drive impactful development projects.

EXPERIENCE

JamboPay | Software Engineer

2024 February- Present

Designed and developed scalable REST APIs using Python Django, PostgreSQL, TypeScript, and Angular for financial technology solutions. Conducted database design and normalization to improve data management. Built data pipelines and warehouses for large-scale data analysis and visualization using tools like Apache Spark and Excel. Applied machine learning algorithms to create recommendation systems for e-commerce platforms. Improved system performance by refactoring codebases, optimizing programs, and writing unit tests for automated testing.

Aqiq Solutions | Software Engineer

2023 November- 2024 February

Developed and customized ERP system modules for clients, ensuring scalability and maintainability of databases. Built and optimized data pipelines for data warehouses and applied data analysis techniques, including linear regression, to derive insights. Leveraged tools like Apache Hadoop and Microsoft Excel for data visualization and statistical analysis. Integrated trained machine learning models into production environments and implemented an Excel-like pivot feature for ERP systems, enhancing data exploration and usability.

CERTIFICATION

Google digital skills

2021

Certificate in Digital marketing and SEO

Udemy

2022

Certificate in Web development

PROJECTS

Computer Vision Software

Developed Python-based computer vision software using OpenCV and TensorFlow, achieving real-time processing, 50% faster incident identification, and a 25% crime reduction rate.

Machine Learning Projects

Built machine learning models for stock prediction, image classification, and customer data analysis, increasing efficiency and sales by over 5%.

Web Development Projects

Created scalable web applications with Django and Flask, serving over 2 million daily users with high engagement and real-time data processing.

GPT Hebron City | Software Developer

2023 February - 2023 October

Collaborated with a team to develop an automated face recognition system using machine learning models, enabling real-time registration and database matching while identifying unique movement patterns. Enhanced the company's website by adding new features and functionalities to improve user experience. Built APIs and backend systems using Python (Django framework) for data collection and behavioral analytics. Delivered a live project at gpthebroncitiy.org.

Lambda | Software Developer

2020 April - 2023 January

Developed and deployed RESTful APIs and backend services using Python Django, enhancing seamless communication between front-end and back-end systems. Designed and implemented a Lambda function to optimize application performance and scalability. Collaborated with the Cloud Development team to improve system functionality and performance while implementing security measures to protect user data. Leveraged expertise in Python/Django, AWS, and TypeScript/Angular to deliver robust, scalable, and user-friendly solutions. Ensured software quality by writing clean, testable code with unit tests and addressing software vulnerabilities, significantly enhancing system security.