Victor Kiptoo

Email Address: veelangat680@gmail.com

Portfolio: victorkiptooportfolio.vercel.app

Github: victor-kiptoo-001

Mobile No: +254796681150

Personal Summary

I am an enthusiastic and motivated full stack developer with a proven track record in web application development. My skillset spans across various technologies, including JavaScript,Python,PHP,Flutter,React, Node.js, PostgreSQL, MySQL.

Having a strong foundation in software development principles, I am dedicated to producing clean and maintainable code. My ability to adapt and quickly grasp new technologies positions me perfectly for the evolving nature of the field, and I am excited by the prospect of learning and growing in such an environment.

In collaborative settings, I thrive as a team player, leveraging my skills to contribute effectively to project success. My commitment to quality code and my eagerness to learn drives me to contribute to and thrive in the projects under the guidance of experienced professionals.

Experience

FarmIT Enterprise

Software Engineer and IT Expert | May 2023 - Jan 2025

- Mobile App Development: Developed a QGIS-integrated app for calculating vegetation indices (NDVI, NDMI, RECI) to support precision agriculture. Automated geospatial data workflows for streamlined decision-making.
- Geospatial Crop Monitoring: Integrated Google Earth Engine for real-time vegetation index calculations, enabling AI-driven crop health insights.
- GIS Data Management: Built real-time dashboards using FlutterFlow and managed GIS architecture for data accuracy in QGIS and ArcGIS.
- AI-Driven Advisory: Automated weather-based crop recommendations using Dify AI and custom models for location-specific insights.
- Collaboration and Training: Partnered with agronomists to design intuitive interfaces and trained stakeholders on geospatial tools.
- Data Integrity: Maintained and optimized data pipelines for reliability and high-quality deliverables.

BigBrainz Solutions

Part-Time Junior Developer and Coding Instructor | December 2023 - May 2024
- Developed and maintained company software systems.
- Collaborated with teams to test and recommend new features.
- Implemented and integrated APIs.
- Taught coding to primary school students.
- Resolved critical data errors and debugged code.

Crosstech.ke

Software Engineer | November 2022 - December 2022
- Designed websites using Figma.
- Built back-end systems and APIs using Python.
- Optimized websites for speed, scalability, and security.
- Integrated a back-end POS system with front-end design.

Skills

- Front-End: HTML, CSS, JavaScript, TypeScript, Bootstrap, React.js, jQuery.
- Back-End: Python, Flask, Django, Node.js, Dart, Flutter, FlutterFlow.
- Databases: MySQL, PostgreSQL.
- APIs: RESTful API development and third-party API integration.
- Tools: Git, GitHub, Visual Studio.
- Methodologies: Agile development, troubleshooting, debugging.
- Soft Skills: Strong communication, collaboration, problem-solving, detail-oriented, team player.

Education

- Bachelor in Economics and Statistics | Kenyatta University | August 2020 - December 2024
- Software Engineering | Moringa School | May 2023 - November 2023
- FreeCodeCamp Online Course | HTML, CSS & Vanilla JavaScript | May 2022 - November 2022
- Kenya Certificate of Secondary Education | Grade B | Moi Forces Academy, Nairobi | 2016-2019
- Kenya Certificate of Primary Education | 400 Marks | St. Mary's Kababiy Preparatory | 2008-2015

Referees

Allan Rodrick C'oredo	Alvin Maina	Brian Sanzio
Chief Executive Officer,	Senior Developer,	Software Developer
FarmIT Enterprise	Crosstech Ke	Digiskool
Tel: +254 0713124737	Tel: +254747888254	Tel: +2547113608188
Email: coredo.allan@farmit.co.ke	Email: maina@crosstech.ke	Email: briansanzii@gmail.com