Kevin Kipkoech
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SUMMARY

A highly skilled software developer with over 4 years of experience. Consistently delivers high-quality solutions and thrives in challenging environments, pushing boundaries and constantly seeking innovative approaches. Possesses excellent communication skills and can work effectively within cross-functional teams.

SKILLS, LANGUAGES, AND FRAMEWORKS

- **Programming languages**: Python, Ruby, JavaScript, TypeScript, Go
- **Databases:** PostgreSQL, MongoDB, MySQL, DynamoDB
- **Version control & CI/CD:** Git, Github, Bitbucket, Gitlab
- **Web frameworks**: FastAPI, Flask, Django, Ruby on Rails, NextJS, React, NodeJS, Angular, NestJS
- **Cloud computing**: Google Cloud Platform (GCP), Amazon Web Services (AWS)
- **APIs:** REST, gRPC

EXPERIENCE

Software Engineer (Volunteer) | Earth Hero
February 2024 - Present | Chicago, USA | Part-Time | Remote
I am a member of the web development team. Focused on building solutions that make it easy for users to contribute to the climate change movement. We create experiences that allow people to join or support climate action organizations and environmental nonprofits to amplify the impact of their efforts.
Skills: TypeScript, GatsbyJS, React, Firebase, Cloud Firestore

Full Stack Engineer | Sarabi Startup Studio
January 2023 - February 2024 | Nairobi, Kenya | Contract Full-Time | Remote
I was a member of Sarabi's product team, driving strategic conception, rapid prototyping, and efficient development of Minimum Viable Products (MVPs) for our extensive clientele. My involvement in the team led to accelerated project delivery timelines and improved funding prospects resulting in improved client satisfaction.
I was directly responsible for the frontend and backend development of Mula$afi, a sports platform we modified for one of our clients. My main responsibilities included improving the existing UI for greater user experience and replacing the Ethereum-based B2C and C2B payments system with MPesa via the Daraja API to make the platform more adaptable to the Kenyan market.
I was the assigned team lead for the fullstack development of BimaBee, a platform designed to aggregate insurance providers and streamline claims processing for clients while providing additional financial incentives for insurance agents.
Skills: JavaScript, TypeScript, React, NodeJS, Python, Go, MongoDB, PostgreSQL, GCP

Software Engineering Trainee | Moringa School
July 2022 - January 2023 | Nairobi, Kenya | Contract Full-Time | Hybrid
I participated in a 25-week immersive full-stack development program, collaborating on frontend and backend projects to strengthen technical knowledge and communication skills.
I led a capstone group-based full-stack e-commerce application project, demonstrating project planning, idea actualization, and technical expertise.
I was a team lead in the design, development, and testing of a market-ready real estate valuation web app at the end of the program. This project aims to automate the property valuation process in the Kenyan real estate industry and is currently in the market testing phase.
Skills: JavaScript, Ruby on Rails, React, Next.js, TypeScript, Node.js, PostgreSQL, MongoDB, GCP

Software Engineering (& Mechanical Engineering) Intern | Kenya Vehicle Manufacturers
February 2019 - November 2019 | Thika, Kenya | Full-Time | Onsite

I redesigned and maintained the company's 37-page website leading to improved user engagement (40%) and a 30% increase in vehicle sales within the first quarter.
Skills: Python, JavaScript, React

Software Engineering (& Mechanical Engineering) Intern | Tea Machinery and Engineering Company (TEMEC)
January 2018 - December 2018 | Nairobi, Kenya | Full-Time | Onsite
I led the complete overhaul of the company's website, involving the design and maintenance of over 25 web pages, which increased the website's traffic to 5,000 per month, improved user experience, and resulted in increased inquiries (25%) and sales (48% profit).
Skills: Python, JavaScript, React

BEST PROJECTS

Mulasafi - https://mulasafi.com/
An African market-oriented sports platform featuring crash, shuffle, cup, and roulette games, serving over 10,000 daily users.
FarmLeaf - https://farm-leaf.com/
Winner of the 2023 Team Up for Climate by EGIS Foundation. FarmLeaf educates farmers on the dangers of climate change and rolls out agroforestry adoption plans.
CompsAnalytics - https://comps-analytics.vercel.app
A property valuation tool that analyzes comparable data to determine the value of a listing.

EDUCATION

Moringa School (Bootcamp) | Certificate in Software Engineering
July 2022 - January 2023

Jomo Kenyatta University of Agriculture and Technology | Bachelor of Science in Mechanical Engineering
September 2015 - July 2022

Mangu High School | High School Diploma (Kenya Certificate of Secondary Education)
January 2011 - November 2014

AWARDS, HONORS & PERSONAL ACCOMPLISHMENTS

Winner: Team Up for Climate Challenge | Egis Foundation (France), May 2023
My team and I presented FarmLeaf, a platform encouraging farmers to adopt agroforestry by providing training and financial solutions through partnerships with local banks and microfinance institutions.

First Runner's Up: Future@Work Student Challenge | STMicroelectronics (France), Feb 2021
My team and I were among the 11 champions of the Future@Work Student Challenge.
We developed an autonomous interviewing platform with the ability to assess one's facial expressions and analyze their responses. The system could also match an already-hired individual to appropriate online courses to help them upskill.