

Rodgers Kipchumba

Software Engineer

Software Engineer with 3+ years of experience facilitating cutting-edge engineering solutions with a wide range of web application and technology skills. Proven ability to leverage full-stack knowledge and experience to build interactive and user-centred website designs to scale. Extensive expertise in large system architecture development and administration, as well as network design and configuration.

Employment History

Safaricom PLC - Software Developer

December 2021 - Current

At Safaricom I am part of a team that is tasked with the role of maintaining Business Continuity Plan with. We are tasked with designing and implementing both the physical and wireless networks, including those for computer communications and telecommunications.

- Maintain and control computer networks and associated computing environments like software for systems, software applications, equipment, and configurations.
- Plan, install, and test networking devices, hardware for computers, and devices for operating systems.
- Maintain, customize, and track the device and email applications for virus protection.
- Conferring with network users on solving issues with current networks.
- Maintain, customize, and track the device and email applications for virus protection.

Software Engineer at Andela, Nairobi

December 2020 – Dec 2021

April 2020 – Dec 2021:

- I was part of a team that worked on a product called Authors Haven. This is a social platform that allowed authors to create articles as well as reading them. The stacks used are; Python Django for the back-end and React-Redux for the front-end.

Jan 2021 - Oct 2021

- At Andela, I was a member of the back-end team of a product called Activo. This product aims at managing Andela's assets. As a result, not only did the efficiency of the operations team improved by 8% but also, their workload was reduced by 30% The stack used to create the Activo-API is Python Flask RESTplus.
- Developed a Slack bot to help with the booking of seats in the Andela Lagos Campus. This increased the utilization by 15% and reduced the operations team task by 10%.
- As a technical coordinator at Activo, I was also in charge of merging all PRs to staging. During this time, the overall output by the team improved by 6%.

+254728521615

kipchumbarodgers@gmail.com

[Linkedin](#)

[Github](#)

EDUCATION

Udemy, online— REST APIs with Flask and Python

July 2020 - Current

Connect web or mobile applications to databases and servers via REST APIs

Handle seamless user authentication with advanced features like token refresh

Successfully completed the first project which required me to host a static website on AWS using S3 Amazon Service and CloudFront Amazon Service.

Technical university of Kenya

September 2014 – December 2017

Programming fundamentals in JavaScript, C++ or Java, SQL, Python and Ruby.

SKILLS



Software Engineer at Route Money, Nairobi

December 2019 — April 2020

Dec 2019 - April 2020:

- At Route, I was part of a back-end team that designed the Route API. Route is a product that aims at reducing the hustle of transferring funds across different platforms. Such transactions include bank to bank transactions, bank to mobile transactions, among others.
- I worked to support the company mission and adhere to company protocol at all times.
- I Managed back-end development for the Route API which is implemented in Django REST Framework and the deployment is done on Google Kubernetes Engine. I configured the CI/CD pipeline using CircleCI and GitHub. I also monitored the health of the cluster to ensure that It's always in the optimal state.

Software Engineer (Intern) at SovTech, Nairobi

January 2018 — March 2019

Dec 2019 - April 2020:

- I was part of a team that worked on a product called Post Retirement Medical Fund. This is a product that helps to foresee the medical expenses after retirement. The stacks used are Python Django REST Framework and React-Redux.
- This product increased the productivity and efficiency of the insurance department by about 20%. The customization nature of the product also earned the company revenue after selling it to other companies such as the Retirement Benefits Authority, and Search Results Kenya Bureau of Standards.
- I successfully prioritized product requirements and set realistic expectations in regards to development and timeline.
- I oversaw all aspects of design and development.