

CELINE BOWEN

SOFTWARE ENGINEER

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WORK HISTORY

ROAMTECH SOLUTIONS LIMITED

Nairobi, Kenya

FULL STACK DEVELOPER

Sept 2023-Present

- Collaborated with UI/UX designers to implement visually appealing and user-friendly interfaces on the IMT application and lead the team on the new frontend sprint for new a portal.
- In a team, we developed the backend for the International Money Transfer (IMT) and a Fintech money lending systems using Laravel and MySQL using Workbench and phpMyAdmin as the database tools.
- Integrated and consumed external Api's within the systems to ensure smooth data retrieval on transaction processes via payment gateways.
- Participated in code reviews to maintain code quality and enhance system performance to ensure the Agile methodology within the SDLC processes are clearly followed.
- Debugged and troubleshooted software issues, identifying, proposing, and implementing effective solutions to ensure system optimization.
- Participated in testing software solutions to meet technical specifications and release features as per clients' requirements.
- Participated in daily scrum stand-up meetings to provide updates, identify potential roadblocks, and prioritize tasks, contributing to transparent communication and streamlined project management.
- Demonstrated efficiency in version control using Git, GitLab, and GitHub to manage code repositories, track changes, and collaborate effectively with the team ensuring proper workflow.
- Worked in alignment with project timelines and milestones, effectively managing project processes through project planning utilizing project management tools like Jira and Odoo to facilitate efficient task management, track progress, and to foster team collaboration thus contributing to the delivery of high-quality software solutions.

ROAMTECH SOLUTIONS LIMITED

Nairobi, Kenya

FULL STACK DEVELOPER INTERN

March 2023-Sept 2023

- Collaborated with UI/UX designers to implement visually appealing and user-friendly interfaces on the company website using Vue.js and WordPress as its CMS. Using HTML, CSS, and Bootstrap, I revamped the website and, in a team, developed the front-end for the International Money Transfer System and seamlessly integrating it with Laravel to deliver a cohesive and high-performing solution.
- Together with my fellow intern, we set up and documented an automation tool for tracking Api versions - slate and deployed the Api documents to it.
- Assisted the data science team to analyze loan defaulters report using Metabase to get insights on defaulters' trends to aid the company in making intelligent decisions.
- Participated in daily scrum stand-up meetings to provide updates, identify potential roadblocks, and prioritize tasks, contributing to transparent communication and streamlined project management.

KENYA REVENUE AUTHORITY

Nairobi, Kenya

SOFTWARE DEVELOPER APPRENTICE

Sept.2021-Nov.2021

- Together with my fellow apprentices, we developed both the frontend and backend of a management dashboard for task tracking and revenue reports using HTML, CSS, JavaScript, and Java Spring Boot.
- Compiled and organized data using Microsoft Excel.

EDUCATION

DEGREE | THE CO_OPERATIVE UNIVERSITY OF KENYA

Nairobi, Kenya

Bachelor of Science in Information Technology

Dec. 2022

Grade: Second Class Honors – Upper Division

Activities and Societies: Cooperative University Tech Club, Member of GDSC

CERTIFICATE | CODECADEMY

Online

Data Science.

2021

SKILLS & ABILITIES

Frontend development: JavaScript (React.js and Vue.js), HTML5, CSS, Bootstrap

Backend development: PHP (Laravel Framework)

Database Management: MYSQL

Software development Methodologies: Agile, Scrum

Version Control: Git, Gitlab and GitHub

Hosting and cloud computing services: Heroku, Netlify, Namecheap, Firebase

Operating Systems: Linux and Windows environment

Project Management: Jira and Odoo

Data Science: Data analysis, visualization, and basic machine learning techniques

CMS: WordPress

Soft Skills: Communication, Research, Adaptability, Problem Solving, Teamwork, Resilience, and Innovation

ACHIEVEMENTS

G4G SYSTEM HACKATHON

Nairobi, Kenya
June.2022

My team and I came up with the G4G system in the Indaba * Law Tech Festival hackathon to reduce human interaction during the tallying of votes in the election process. The system uses artificial intelligence and blockchain integration to maximize integrity. We trained the model using dummy ballot papers. We won the hackathon.

THE CO-OPERATIVE UNIVERSITY TECH CLUB CHAIRLADY

Nairobi, Kenya
2020/2021

I co-founded and chaired the Co-operative University Tech. Was involved in the decision making and formation of the club's team leads. Together with other team leads, we led several hackathons and talk sessions to introduce new technologies to the students as we collaborated on different projects.

PROJECTS

Name of Project: Afrisend Money Transfer Limited Services

Year: 2023

Location: Nairobi, Kenya

Client: Afrisend Money Transfer Limited

Main Project Features: Forex | International Money Transfer (UAE, Japan, Uganda, Tanzania, Nigeria)

Position Held: Full Stack Developer Intern

Activities Performed: Website and Web Application Development | Bug fixes.

<https://afrisend.com/>

Name of Project: Senti

Year: 2023

Location: Nairobi, Kenya

Client: Senti Limited

Main Project Features: Loans | Salary Advance

Position Held: Full Stack Developer Intern

Activities Performed: User requirements gathering and analysis | Web Application Development | Bug fixes.

<https://senti.co.ke/>

Name of Project: Roamtech Website

Year: 2023

Location: Nairobi, Kenya

Client: Roamtech Solutions Limited

Main Project Features: Loans | Salary Advance

Position Held: Full Stack Developer Intern

Activities Performed: User requirements gathering and analysis | Website Development (Blog and Career Section) |

Deployment | Bug fixes.

<https://roamtech.com/>

REFEREES

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