

DISMAS KIPCHUMBA

SOFTWARE DEVELOPER AND GOLD FELLOW AT THE ROOM

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PROFESSIONAL SUMMARY

I am a Full Stack Software Developer who has honed both my technical and soft skills through my studies in Mathematics and Computer Science, as well as a one-year Software Engineering Programme at ALX. I am proficient in the ReactJS library, JavaScript, HTML, and CSS for front-end development. In addition, I have extensive experience with the Python Django framework and Node.js for back-end development, which I have been working on for three years. During this time, I have completed projects such as a Job Application, a Notes app, and an Article website, among others. I believe that the skills I have acquired, coupled with my passion for continuous learning, will enable me to effectively leverage my abilities and quickly adapt to new stack technologies in any software development company.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS

Frameworks: Django, NodeJs and ReactJs

Databases: MySQL, SQLite

CI/CD Tools: GitHub Actions

Automation/Testing: Postman, Jenkins

Version Control: GitHub

Project Management Tools: Trello, Jira

Other skills: Microsoft Office, Linux(Ubuntu), Shell, git, Flask

WORK EXPERIENCE

IEBC Clerk

August 2022 - August 2022 | IEBC, Mosoriot

- Responsible for verifying voters' identification and eligibility before allowing them to cast their votes.
- Kept track of the number of voters who cast their ballots and updated the voter turnout statistics throughout the voting day.
- Monitored the voting process to ensure that it was carried out according to electoral laws and regulations.

Skills Utilised: Cultural Sensitivity · flexibility · Attention to Detail · Conflict Resolution · Problem Solving · Teamwork · Time Management

EDUCATION

BSC. MATHEMATICS AND COMPUTER SCIENCE

Jomo Kenyatta University of Agriculture and Technology | November, 2019

PROJECTS

Article App

Sept 2023 - Oct 2023

In my article app project, I harnessed the powerful synergy of Django and ReactJS to create a seamless web application experience. Leveraging Django, I constructed a robust REST API with Django Rest Framework as the backbone, allowing for effortless communication between the frontend and backend. Through this integration, users can register and log in with ease, gaining access to a dynamic article management system. The application's versatility extends to CRUD operations on articles, enabling users to effortlessly create, update, or delete articles. To ensure secure user interactions, I implemented token-based authentication, generating a unique token for every registered user. This project exemplifies my proficiency in combining Django's backend capabilities with ReactJS's frontend prowess, resulting in a well-rounded, user-friendly article application.

Job Application Website

April 2023 - July 2023

In my role as a Full Stack Software Developer, I spearheaded a career website project using Flask, SQLAlchemy, and MySQL Workbench. My primary tasks encompassed MySQL database implementation, harnessing SQLAlchemy's ORM capabilities for efficient data management, and designing the database schema. For a smooth development process, I utilized Replit as an online development environment. The resulting career website features a user-friendly interface for job seekers, streamlining the application process. On the backend, the system effectively manages job postings and applicant data, providing a comprehensive solution for both job seekers and employers. This project aptly showcased my proficiency in Flask, SQLAlchemy, and MySQL, delivering a fully functional web application catering to the needs of both job seekers and employers.

CERTIFICATIONS

Full-Stack Software Engineering Programme
2021 - 2022

ACCOMPLISHMENTS

Gold Fellowship Program

As a distinguished graduate in the top 5% of the ALX Tech program and an esteemed Gold Fellow at The ROOM, I have access to Infrastructure support and a dedicated Pathfinder for my career growth. This collaborative experience is greatly enhancing my ability to excel professionally and contribute significantly to Employers.

REFERENCES

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