

# 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 Website, and a Notes Desktop Application, 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 and Libraries: Django and ReactJs  
Databases: MySQL, SQLite  
CI/CD Tools: GitHub Actions  
Automation/Testing: Postman, Jenkins  
Version Control: GitHub, Git  
Project Management Tools: Trello, Jira  
Other skills: Microsoft Office, Linux(Ubuntu), NodeJs, 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

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### Notes Desktop Application

July 2023 - Sept 2023

I proudly showcase my notes desktop app project, a versatile and user-friendly application I developed using ReactJS, leveraging the power of JavaScript, HTML, and CSS. This dynamic web application empowers users to create and manage notes, ensuring easy retrieval for future reference. Seamlessly synchronized with local storage, it guarantees data persistence and accessibility. With a clean and intuitive user interface, my notes app embodies the perfect blend of aesthetics and functionality, demonstrating my proficiency in front-end web development and my commitment to crafting practical solutions for everyday tasks.

### Job Application Website

April 2023 - July 2023

This is a career website that I developed using Flask, SQLAlchemy, and MySQL Workbench. This web application enables users to search for job openings, apply for positions, and manage their applications. I implemented a MySQL database with SQLAlchemy, utilizing its ORM capabilities for efficient data management. Also designed the database schema and handled data operations using MySQL Workbench. I leveraged Replit, an online development environment, for seamless coding and testing. The career website project offers a user-friendly interface for job seekers to explore and apply for opportunities while providing a robust backend for managing job postings and applicant information.

## CERTIFICATIONS

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Full-Stack Software Engineering Programme

2021 - 2022

## ACCOMPLISHMENTS

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### 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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