

**Rechol Kibebe**

Nairobi, Kenya

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## Professional Summary

Enthusiastic Fullstack Engineer with hands-on experience in JavaScript, TypeScript, MongoDB, Redis, and Django, with a proven ability to build and scale applications. Trained at ALX Kenya, I excel at designing end-to-end solutions, collaborating across teams, and optimizing systems for performance. Driven by a passion for innovation, I am committed to developing tech that addresses social and economic challenges, and I am excited about working in startup environments that support impactful, scalable projects.

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## Skills

- **Languages:** JavaScript, TypeScript, Python
  - **Frontend:** React, HTML, CSS
  - **Backend:** Node.js, Django, REST APIs
  - **Databases:** MongoDB, Redis, SQL
  - **Tools & Frameworks:** Git, Docker, Redux, Mocha, Chai, Bull
  - **Soft Skills:** Problem-solving, cross-functional teamwork, product-market fit insights, agile development
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## Professional Experience

### Fullstack Developer

Freelance & Project-Based | Nairobi, Kenya

2023 - Present

- Designed and developed a comprehensive file management application, implementing MongoDB for efficient data handling, TypeScript for type safety, and Redis for caching to enhance performance and reduce server load.
- Built a note-taking app leveraging React and Django to provide a dynamic frontend and a seamless, efficient backend for data management, enhancing user engagement and application scalability.
- Collaborated on UX/UI improvements, conducting user testing and integrating feedback to enhance product experience.

- Used Git and Docker for version control and containerization, optimizing workflows in collaborative development environments.

### **Project Mentor & Educator**

ALX Kenya | Nairobi, Kenya

2022 - 2023

- Mentored students in fullstack and backend development, covering JavaScript, Python, and MongoDB, preparing them for industry roles.
  - Provided guidance on best practices for code quality, debugging, and application optimization, resulting in improved project outcomes and student success.
  - Delivered workshops on agile development, emphasizing iterative progress and collaboration, contributing to a stronger learning environment.
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## **Education**

### **ALX Software Engineering Program**

ALX Kenya | Nairobi, Kenya

2022 - 2023

Comprehensive training in fullstack development, focusing on JavaScript, Python, and industry-standard practices for scalable applications.

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## **Certifications**

- **Fullstack JavaScript Development** – ALX Kenya
  - **Python and Django Development** – ALX Kenya
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## **Projects**

- **File Management Application**  
Developed an efficient file management system using MongoDB, TypeScript, Redis, and Docker, achieving performance improvements through data caching and type-checked code.
  - **Interactive Note-Taking App**  
Created a responsive note-taking application using React and Django, integrating frontend components with a robust backend for seamless user experience.
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## **Volunteer Experience**

### **Mentor & Community Organizer**

Community Outreach Program | Nairobi, Kenya

*2021 - Present*

Mentored aspiring developers in coding and project management, fostering growth and inspiring innovation in tech.