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Professional Summary

Experienced Software Engineer with over 7 years in the industry, specializing in full-stack development and cloud technologies. Proven track record of improving system performance, leading successful projects, and continuously learning new skills. Adept at collaborating with cross-functional teams and committed to delivering high-quality solutions.

Work Experience

Discovery Labs Limited

Software Engineer

Remote | 01/2020 - Present

- Led initiatives to improve SEO of web applications using Astro, boosting user engagement by 30%.
- Collaborated with backend teams to containerize web applications using Docker and implement efficient load balancing with NginX, resulting in a 35% improvement in performance.
- Enhanced application security by implementing Node.js best practices, reducing vulnerabilities by 50%.

The Discovery Centre Limited

Junior Software Developer

Nairobi, Kenya | 01/2018 - 12/2019

- Participated in the development of mobile applications using React Native and Expo, resulting in a 25% increase in customer satisfaction.
- Assisted in the implementation of CI/CD pipelines, reducing deployment times by 60%.
- Participated in code reviews and debugging sessions, ensuring high-quality code delivery.

Education

Daystar University

Bachelor's Degree in Computer Science

2016

Awards & Recognition

- STEM Education Organisation of the Year, The Discovery Centre (2024)
- Captain of Men's basketball Team, Daystar University (2015)
- President of The Writing and Speech Centre, Daystar University (2013)

Projects

Company website

Discovery Labs Limited | 2024

- Designed and developed the company's new website using Figma, Astro and Vercel, increasing user engagement by 30% within the first month.

Transcription tool

Discovery Labs Limited | 2023

- Designed and developed a high-performance AI transcription platform using Next.js and Vercel, handling over 1000 transcriptions per month.

E-learning mobile application

The Discovery Centre Limited | 2019

- Led the successful deployment of client's mobile application to Google Play Store and Apple Store using Expo, achieving over 10,000 downloads within the first month.

Skills

- Programming Languages: JavaScript, TypeScript, Python
- Web Technologies: React, Next.js, Astro, Node.js, HTML, CSS
- Mobile Technologies: React Native
- Cloud Platforms: Vercel, Expo
- DevOps Tools: Git, Docker
- Database Systems: MongoDB, PostgreSQL, SQLite
- Soft Skills: Leadership, Communication, Problem-solving, Team Collaboration

Volunteering

Nairobi International School Coding Club

Volunteer Coding Instructor

Nairobi, Kenya | 2019 - Present

- Conducted HTML, CSS and Python coding classes for children aged 9 to 11, building fundamental development skills and inspiring an interest in technology.

Publications

"Hosting an Astro site in Digital Ocean"

Personal blog | 2025

"Laying out the web with CSS Grid"

Personal blog | 2024