Martin Ndung'u

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Summary

Hi there. I am Martin Ndung'u, a dedicated and innovative full-stack software engineer with 2 years of experience in building web solutions to address various problems. Throughout my career, I have gained vast experience working with web technologies and APIs. I have a strong passion for backend engineering and enjoy building robust and scalable APIs. I am committed to developing efficient, user-friendly applications and systems that meet client requirements and enhance user experiences. My journey in software engineering has been driven by a commitment to continuous learning and a love for tackling complex challenges.

Skills

General: Problem solving, System Design, API Design, Database Design, Performance optimization.

Front-End: JavaScript, Typescript, React, Next JS, CSS, Tailwind, Bootstrap,MUI, HTML.

Back-End: NodeJS, JavaScript, Typescript, Java, Spring boot, Python.

Databases: PostgreSQL. MongoDB, Redis, MySQL.

Tools: Git, Docker, AWS

Soft Skills: Communication, Team player, Collaboration, Adaptability, Customer focus.

Experience

Freelance Developer

Freelance

Jan 2023 - Present

Projects Completed

- Successfully delivered multiple freelance projects, significantly improving client satisfaction.

Application Deployment

- Developed and deployed web applications, effectively reducing client project turnaround time.

Client Communication

- Maintain a high client satisfaction rate by effectively understanding project needs and providing regular updates.

Problem-Solving

- Resolved critical technical issues for clients, resulting in a notable decrease in reported bugs post-deployment.

End-to-End Project Management

- Managed full project lifecycles, leading to an improvement in on-time delivery.

Support and Maintenance

- Provided ongoing support and implemented enhancements for applications, ensuring high uptime.

Full-stack Developer

SONGA APP

Dec 2022 - Sep 2023 (10 months)

API Development

- Designed and maintained an API for handling many concurrent users, achieving high uptime.

Security Implementation

- Implemented robust authentication and authorization mechanisms, reducing security breaches.

Backend Functionality

- Utilized TypeScript, Node.js, and Express to enhance backend performance.

Database Optimization

- Designed and optimized database schemas, resulting in increased query efficiency.

Geolocation Integration

- Integrated geolocation APIs to enhance location-based feature accuracy.

Data Management

- Managed PostgreSQL database and implemented data modelling and querying with Prisma ORM, improving data retrieval speeds.

Team Collaboration

- Improved team communication and collaboration skills through active participation in project planning and execution.

Problem-Solving

- Enhanced problem-solving abilities by tackling challenges in a complex application environment.

Education

The East African University – Kitengela, Kenya.

Bachelor of computer science and IT, Computer Science

2020-2024

St. Mary's Boys Secondary

KCSE

Jan 2016 - Nov 2019

Licenses & Certifications

API platform engineering fundamentals - Tyk

Amazon Web Services Cloud Practitioner - Amazon Web Services (AWS)
Issued Apr 2024 – Expires Apr 2027
Credential ID: 4ebacOce6f084c3a8ba1b8d3d567765

Projects

Please Visit my personal portfolio website showcasing various projects and skills. Click here
projects page

Referees

1. Founder – Songa

Mr. Peter Ogolla

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