




MERCY THIRA

Software Engineer

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CAREER SUMMARY:

- Proven Technical Lead with a track record of delivering results, specializing in full-stack development for cloud-native web applications. Proficient in Python and Django, with expertise in REST, JavaScript frameworks (Angular, React.js, Node.js), and both SQL and NoSQL databases.
- Skilled in leading development teams to success, with a deep understanding of agile methodologies and best practices for software engineering. Consistently meet project goals and deadlines, ensuring high-quality, scalable solutions.
- Seeking a lead developer position to leverage my extensive experience and drive innovation within a forward-thinking organization. Committed to pushing boundaries and delivering cutting-edge solutions in the ever-evolving tech landscape.

TECHNICAL SKILLS:

- | | | | |
|------------------------|---------------------------|--------------------------------|-------------------|
| • Django | • DevOps | • UI/UX Design | • Angular |
| • Flask | • Cloud - AWS, GCP, Azure | • Mongo DB & Postgresql | • TDD |
| • HTML & CSS, JQuery | • CI & CD | • Kafka & RabbitMQ | • Node Js |
| • GIT | • Docker/Kubernetes | • Algorithms design & analysis | • React |
| • Window, Linux, MacOS | • API documentation | | • SQL & NoSQL |
| | | | • Data structures |

WORK EXPERIENCE:

- | | |
|--|--------------------------------|
| Creative Brands Group | January, 2022 - Present |
| <ul style="list-style-type: none">• Led a team of developers, collaborating with Technical Architects, Consultants, and Support teams to deliver Fintech products: Waya and PigiBank.• Developing cloud-hosted web applications, leveraging Python, Django, Django REST Framework, React, and NodeJs for optimal functionality and user experience.• Employing SQL and NoSQL databases to optimize application performance and scalability in cloud environments.• Designed and developed API and web service (SOAP, REST) calls• Specialized in back-end system architecture, design, and development for AWS, Azure, and Google Cloud solutions.• Developing solutions utilizing AWS services such as EC2, S3, RDS, Lambda, and VPC.• Identifying new opportunities and applying solutions for the benefit of the customer/stakeholder.• Contributing to adopting cloud-native tools and technologies such as Kubernetes, Docker, and CI/CD pipelines.• Saved the company 40% of cloud costs by reconfiguring the cloud services in a cost-optimal way by reconfiguring the Virtual Private Cloud and redeploying the core banking service to a serverless architecture• Optimized infrastructure for cost-efficiency and performance, leveraging AWS pricing models and services like Reserved Instances and Spot Instances.• Conducting root cause analysis for production errors, resulting in proactive solutions to prevent recurrence. | |

Connvotech Solutions

Sept 2019 - Jan 2022

- Built and maintained websites for clients through various CMS.
- Helped to achieve a consistent look and visual theme across the website by promoting uniform fonts, formatting, images, and layout.
- Assisted with troubleshooting software and debugging with tools, i.e., Fiddler
- Demonstrated proficiency in web design and application frameworks, especially Django and Django REST Framework and Angular
- Ensure user satisfaction and retention by providing responsive tech support.
- Built a generative AI customer support service to support operations of the customer support team
- Actively participated in code reviews, providing technical guidance and mentorship.

Deep Africa Limited

June, 2019 - Sept 2019

- Tested, coded, reviewed and delivered software with 100% on-time record and according to service level objectives.
- Designed systems to integrate cloud-based platforms with established IT systems for monitoring, logging, security, and connectivity.
- Responsible for build and deployment automation using VM Ware ESX, Docker containers
- Strong communication skills, effectively liaising with stakeholders and self-organizing within the team.

EDUCATION:

JOMOKENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

Bachelor of Business Information Technology

MORINGA SCHOOL BOOTCAMP

Certificate in Software Development

AFRICAN LEADERSHIP GROUP - ALX

Certificate in Cloud Computing

ACHIEVEMENTS:

Davis and Shirlif Hackathon

My team and I emerged as the winning team at the D&S Hackathon. Using Machine learning algorithms, we devised a system that helped the company predict the probability of losing its customers. I created an API that could be integrated into existing systems to provide real-time insights.

CERTIFICATIONS:

- [AWS Cloud Practitioner](#)
- [AWS Solutions Architect](#)
- [Javascript](#)
- [Azure Fundamentals](#)
- Certified Software Developer

VOLUNTEER

Grassroots Economics

Using Blockchain and Web3 technologies we empowered communities by creating a community currency that helped communities exchange goods and services without depending on the scarce national currency.

HOBBIES

Traveling and Cooking and build my digital creator spaces.

REFEREES:

Will be provided upon request