Imran Khamis Wangara

N/A



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# SUMMARY

Experienced Software Engineer adept at offering cutting-edge engineering solutions and effectively guiding developer teams. Bringing forth expertise in managing all aspects of the software development life cycle. Skilled in problem-solving and executing software tasks from start to finish

# EXPERIENCE

## Lead Software Engineer | Paysoko Systems Inc | Nairobi, Kenya | August 2021 - Present

* Developed and implemented a distributed software system from conception to production, using Laravel for the backend, and React for the frontend, achieving a 70% reduction in mean bug count, and reducing development and test times by 25%.
* Guided and supported 4 software engineers across 4 releases, comprehending, troubleshooting, and helping resolve critical defects on time and with high quality.
* Conducted code reviews, influencing engineering principles and techniques, and successfully mentored other software engineers in the company.
* Enforced software design meetings, code reviews, unit testing, and version control implementations for a robust and scalable system.

## Senior Software Engineer | Social Media Gateways Inc | Las Vegas,Neveda | April 2019 - July 2021

* Developed and maintained a highly-scalable microservice architecture, optimized for interactive video streaming, resulting in a 10X increase in system throughput for deployed customer-facing applications.
* Implemented a Continuous Deployment pipeline that enabled teams to easily and efficiently deploy code to production environments, leading to a 50% reduction in deployment times.
* Developed distributed systems to process user and video data resulting in improved latency, increased system stability, and shorter response times.
* Utilized AWS services, such as EC2, S3, and RDS, to build cloud-based solutions

## Software Engineer | GlobalSoko Foundation Inc | New York City, NY | January 2018 - February 2019

* Developed and maintained various web applications using PHP and JavaScript
* Implemented Git for version control and collaborated with remote teams
* Participated in code reviews to ensure quality and consistency
* Collaborated closely with designers and product managers to implement new features and fix bugs
* Mentored junior developers and provided technical guidance on projects.

## Full Stack Developer | Digispice Limited | Nairobi, Kenya | June 2015 - December 2017

* Developed a Social media marketing tool that allowed users to view the 100 most relevant keywords of their target demographic.
* Built a productivity-boosting slack bot that allowed the team to integrate customer communications into our workspace.
* Collaborated with cross-functional teams, including designers, product managers, and QA engineers, to deliver high-quality software solutions
* Ported system from a monolithic application into a Service-Oriented-Architecture, added CI/CD workflow process and developed a news-feed system using a fan-on-write methodology similar to Twitter.
* Developed an IVR system for music on demand.

## Full-Stack Web Developer | Rapid Communications Limited | Nairobi, Kenya | March 2014 - May 2015

* Developed and maintained various web applications using PHP and JavaScript
* Implemented Git for version control and collaborated with remote teams
* Participated in code reviews to ensure quality and consistency
* Worked closely with designers and product managers to implement new features and fix bugs

## Intern Web Developer | Citimax Technologies Limited | Nairobi, Kenya | September 2013 - February 2014

* Designed and developed a full Help Desk website, providing customers with the ability to submit online requests, search the knowledge base for solutions to common problems, and check the status of submitted requests and tickets.
* Later added email notification and chat features to maintain up-to-date and real-time communication between the help desk personnel and customers.
* Redesigned the internal Web-based Issue Tracking Tool and updated the look and feel.

N/A

# CERTIFICATIONS

## AWS Certified Solutions Architect | AWS | 2022

Managing and designing AWS solutions

## Certificate in Ethical Hacking | Moringa School | 2018

Identifying and mitigating security threats in a professional manner.

# EDUCATION

**Bachelor of Business in Information Technology | Mt. Kenya University | Nairobi, Kenya | 2013**

# SKILLS

## Languages: Php,Javascript, Python

**Technologies: SMS, IVR, USSD, Elasticsearch, Load Balancing, Redis, Docker**

## Fields of Interest: AI & Machine Learning, Kubernetes,Load Balancing, UI/UX Design Frontend: Vuejs, ReactJs

**Backend: Laravel, Flask, Django, Nodejs Version Control: Git**

## Technical Skills: Agile, Scrum References available upon request.