Joseph Kuria Kiurire

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SUMMARY

Experienced software engineer with a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success. Well-versed in technology and writing code to create systems that are reliable and user-friendly. Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a company’s organizational needs, highlight their core competencies, and further their success.

EXPERIENCE

Software Engineer

HeadHunters HQ July 2019 - Present, Singapore, SG

• Developed 90% of the ATS system with the MVP delivered within the 6 months.  
• Performed a frontend UI migration to use a better UI library thus reducing the UI related bug reports by 50%.  
• Integrated Google's DialogFlow to the company's user facing bots to enhance the user experience thus reducing the user drop rate by 10%.  
• Assisted, reviewed and assigned tasks to junior employees of the company.  
• Created data pipelines to store data from different sources and use it to improve the company's service offering.  
• Reduced the web application loading speed by 30% on data intensive pages by optimizing the MongoDB aggregation queries.  
• Developed and improved an event management system to create career fairs thus increasing the web application traffic and number of new users by 10 and 4 fold respectively.  
• Used different Google cloud offerings such as Vertex AI and Talent Solution to enhance the ATS system thus increasing the satisfactory rate of the our users.  
• Helped write and design IT policy documents.

Software Developer

Xirkle January 2018 - June 2019, New York, NY

• Built the blockchain wallet service using telegram bot within 1 month.  
• Integrated Stellar blockchain network and Changelly exchange service thus improving the user satisfaction rate by 40%.  
• Increased interests and adoption of blockchain networks and services supported in the system.

Software Developer

Connect X February 2017 - February 2018, Texas, TX

• Developed a telegram bot that integrated stripe as the payment provider and completed the project within 5 weeks.  
• The telegram bot collected over 1.5 million dollars within the funding period.  
• Resolved bugs that improved the system functionality thus increasing the number of new users.

PROJECTS

Telepota - Python 3 wrapper/library that simplifies telegram bot development.

https://github.com/codingsett/telepota

• Developed and maintained the project, fixed bugs, and updated the API to the recent version.  
• Improving the documentation and adding more examples to increase adoption and community engagement.

EDUCATION

Bachelor of Technology in Computer Technology

Technical University of Kenya • Nairobi, KE • 2021

SKILLS

Front End: HTML, CSS, Javascript.

Back End: Python, Node js.

Frameworks: FastAPI, Vue, Next.

Databases: MongoDB, Sqlite, PostgreSQL.

Tools: Docker, Git, Bash.

Platforms: Linode, GCP, AWS. Process: SCRUM, Kanban.