Jonathan Opio

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SUMMARY

Software Engineer with 4 years of industry experience. Experienced in developing user interfaces, web applications, and databases, and performing statistical analysis.

EXPERIENCE

Graduate Assistant
BSU EXCEL Program   September 2022 – Present, US, MA, Bridgewater

· Reformatted program website, implementing wireframe schematics to help increase program outreach in over 10 school districts in South Shore Massachusetts.

· Collaborated with the program director to design a website-embedded program handbook to cater to state government specifications to qualify for state grants and official certificate accreditation for all 5 programs.

· Assisted in the development and implementation of a vocational training program in collaboration with the Uniquely Abled Academy(UAA).

Digital Analyst
Ugify Store   March 2021 – January 2022, UG, Kampala

· Collected and analyzed current customer data, fine-tuned the target audience of the ad marketing strategy, and improved ad spend by 10%.

· Retrieved visual insights and proposed recommendations which increased ad visibility and click-through rate to up to 6%.

· Evaluated ongoing market trends using testing campaigns to estimate click-through rates and conversion ratios compared to competitor e-commerce stores.

Full Stack Developer
Watoto Church   February 2021 – May 2021, UG, Kampala

· Developed an optimal front-end and back-end interface with Python and nested Javascript for storing and retrieving customer information conveniently and efficiently, reducing reliance on Microsoft Excel.

· Developed a functional, scalable SQL backend for migrating over 1,000 records from Microsoft Excel.

· Centralized the storage of customer information in the SQL database and vastly reduced the time taken to record and update payments manually in Excel, shaving 90% of the time taken for data logging.

Full Stack Developer
Ugify Store   August 2020 – April 2021, UG, Kampala

· Designed and implemented a responsive user interface using HTML5, CSS3, and JavaScript to enhance the overall user experience.

· Designed a mobile application to drive mobile shoppers to the online store.

· Enhanced website performance by optimizing database queries, reducing page load times by 30%, and improving Google SEO rating.

Full Stack Developer
Learnlive   June 2019 – July 2020, Kampala, Uganda

· Implemented an intuitive UI/UX front-end virtual classroom design for online learning for teachers and students using Django.

· Designed and deployed an efficient, scalable backend system in SQL to handle over 10,000 requests per second.

· Developed a third-party RESTful API integration with Google and Zoom services. Improved user experience with faster loading speeds and optimized page throughput with a 30% reduction in latency.

EDUCATION

Master's in Computer Science
Bridgewater State University · Bridgewater, MA · 2023

Bachelor's in Computer Science
Calvin University · Grand Rapids, MI · 2020

SKILLS

Microsoft Office, Google Workspace, Technical Writing and Editing, DevOps, Git, UI/UX Design, Python, C++, C#, Java, JavaScript, HTML, CSS, SQL, Kotlin, React, Jupyter, Machine learning, Django, TypeScript, Google Cloud Platform, Automated Testing, Agile Development