

Dominic Bor

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EDUCATION

KCA University

Bachelor of Science Information Technology

Nairobi, KE

TECHNICAL SKILLS

Programming Languages: C/C++, Python, Javascript, Typescript, SQL

Frameworks: React, Node.js, Next.js, Babel, Webpack, Npm, Jest, Redis, Django, Flask

Tools and Technologies: Mongo DB, Postgres, Docker, Git, Bash, Vim, Github, Jira, Kafka, Jenkins, AWS

WORK EXPERIENCE

Software Engineer

Rapid Research, Nairobi, KE

November 2022 - Date

- Developed robust, secure codebases, reducing vulnerabilities by 30% and ensuring compliance with industry standards without extensive supervision.
- Facilitated seamless communication between Quant Researchers and Business Users, resulting in comprehensive documentation of functional requirements, ensuring alignment with project objectives and minimizing development iterations.
- Engineered cutting-edge applications using Python and React/JavaScript, driving user satisfaction by delivering intuitive, efficient solutions tailored to business needs, resulting in a 25% increase in user engagement.
- Deepened understanding of Pricing, Risk, and Trade Management functions through proactive engagement with business users, facilitating the implementation of innovative solutions aligned with industry trends, thus improving overall business performance.

Software Engineer

Labs Afrika, Nairobi, KE

August 2021 - October 2022

- Facilitated seamless communication and collaboration between cross-functional teams to understand data requirements and translate them into scalable and efficient data pipeline solutions, ensuring alignment with business objectives and maximizing data utilization.
- Implemented comprehensive data quality checks and validation processes throughout the data lifecycle, ensuring data integrity and accuracy, and minimizing data errors or discrepancies, resulting in improved decision-making and trust in data assets.
- Automated testing of data pipelines and integrated them seamlessly into the Continuous Integration and Continuous Deployment (CICD) pipeline, ensuring early detection of issues and accelerating the deployment of data solutions with minimal manual intervention.
- Optimized data processing and query performance for large-scale datasets within AWS and Databricks environments, leveraging advanced optimization techniques and performance tuning strategies, resulting in reduced processing time and enhanced scalability.

PROJECTS

- **Flight Booking System**, this is a simple Flight Reservation System programmed using Cpp. This program allows you to add bus details, then you can reserve a bus seat according to vacant seat available. One can check for list for vacant seats in a bus. It also allows you to see the available bus for now. This is a simple implementation of C++ code using class and structure. [GitHub](#)
- **Banking System**, built using C++!. This system aims to provide a secure and efficient platform for users to manage their bank accounts. With features such as login authentication, account creation, deposit, withdrawal, fund transfer, and system exit, users can perform various banking operations seamlessly. [GitHub](#)
- **KadiPay**, KadiPay is your gateway to effortless cryptocurrency-to-fiat conversions, with a primary focus on USD and Kes. The innovative web-based decentralized application that empowers you to easily convert a wide range of cryptocurrencies into fiat currencies, with a primary focus on USD and Kes. [GitHub](#)

LEADERSHIP AND ACTIVITIES

- **Github Campus Expert** in university Club - August 2023
- **ALX Software Engineering Bootcamp** in Holberton School - November 2023