

DOMINIC BOR

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EDUCATION

KCA UNIVERSITY

September 2021 - Date

Bachelor of Science in Information Technology

Relevant coursework: Data Structures, Algorithms, System Design, Cryptography, Blockchain, Human Computer Interaction, Database Design and Administration.

WORK EXPERIENCE

Software Engineer, Labs Afrika

July 2021 – Present

- Working with a variety of languages, platforms, frameworks, and content management systems.
- Coding and deploying application in a cross-platform, cross-browser environment.
- Writing manageable code to implement features against an approved development plan.
- Contributing software development plan and general strategy to a more robust and scalable stack.
- Performing software maintenance and enhancements.
- Implementation of a robust set of services and APIs to power the web application.
- Integration of the front-end and back-end aspects of the web application.
- Created the functionality for users to store credentials and retrieve through devices Biometric authentication.
- Assessed and tracked student's progress over time to communicate to parents how their child was performing.

PROJECTS

School Scheduler Application (Java)

Dec 2021

- Used Retrofit library to develop the backend and provide RESTful API
- Hashed user's sensitive data and PUT the data in FireBase Storage
- Created Alarms with ringtones to alert users of their upcoming

Chat Room (Full Stack/Mern Stack- ReactJS, ExpressJS, NodeJS and MongoDB)

Sep 2022

- Created a website using ReactJS for users to interact with each other in real time
- Built dropdown menu, search bars and toggles using ReactJS-bootstrap
- Developed backend with MongoDB, ExpressJS, NodeJS, and ReactJS to provide RESTful API

NFT Marketplace (Next.js, Material UI, Hardhat, Solidity, Polygon, Metamask)

May 2022

- Web3 Authentication using Metamask, Wallet connect, Coinbase
- Create and list tokens for sale
- Using IPFS for uploading the file.
- Market Place owner can set platform fee.

SKILLS

Programming Languages: Kotlin, Java, Javascript, Typescript, Ruby.

Front End: React, Next Js, Semantic UI, Material UI, Chakra UI, Tailwind CSS, Bootstrap CSS, Ant Design.

Back End: Node Js, Express Js, Nest Js, GraphQL, REST API, Spring, Ruby on Rails.

Databases: SQL, MongoDB, MySQL, PostgreSQL.

Deploy: AWS, Heroku, Azure, Vercel, Netlify, Firebase

Tools: Jenkins, Git, Github, Docker, Kubernetes, VS Code, IntelliJ, Eclipse

Web3: Ethereum, Polygon, Hardhat, Truffle, Metamask, Wallet connect, IPFS, Filebase, The Graph, Web3.js.

LEADERSHIP AND ACTIVITIES

- Participated in **Gitcoin Hackerton** that built a land information systems backed by blockchain technology.
- Active **Github Campus Expert** duties including educating and training on Github and Version control git.
- **Google Developer Expert** participant during jetpack components training on kit UI.
- Meta Developer Circle participant during annual meetings at Meta Developer circle Nairobi Chapter.