DOMINIC BOR

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EDUCATION

KCA UNIVERSITY   *September 2020 - 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, Rapid Reserch   *July 2021 – Present*

• Collaborating with software development and testing team members to design and implement solutions that meet client requirements for functionality, scalability, and performance.
• Modifying design parameters to incorporate new features.
• Creating robust, scalable, modular, and API-centric infrastructures.
• Demonstrating experience with Kubernetes, Docker, and Amazon Web Services.
• Incorporating third-party tools and components into applications.
• Contributing to the architecture, design, and implementation of back-end features using Node.js, TypeScript, and Javascript.
• Designoing updates and enhancements for subsystems of end-user applications software running on local, networked, and Internet-based platforms.
• Updating old code bases to modern development standards and improve functionality.

PROJECTS

School Scheduler Application *(Java)*   *Dec 2021*

- For this project, I built a School Scheduler Application using Java. The application includes the following features: a backend developed with the Retrofit library and a RESTful API, the hashing and storage of user's sensitive data in Firebase Storage, alarms with ringtones to alert users of their upcoming classes, local storage of data on the device using the Room Persistence Library and SQLite, a feature that allows users to set their preferred theme (light or dark), the ability for users to customize their own schedule, and a visually appealing user interface created with Material Design.

Chat Room *(Full Stack/Mern Stack- ReactJS, ExpressJS, NodeJSand MongoDB)*   *Sep 2022*

- For this project, I created a chat room website using the MERN stack (MongoDB, ExpressJS, ReactJS, and NodeJS). The website allows users to interact with each other in real time and includes features such as a dropdown menu, search bars, and toggles built with ReactJS-bootstrap. I developed the backend with MongoDB, ExpressJS, NodeJS, and ReactJS to provide a RESTful API and used the Socket.io library to enable real-time communication between the frontend and backend. I implemented JWT authentication to secure user accounts and used React-Router to create routes for different pages on the website. I made HTTP requests to the backend and retrieved data from the MongoDB database using Axios and styled the user interface with Bootstrap and CSS to make it responsive.

SKILLS

Programming Languages: Java, Javascript, Typescript.
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.
Databases: SQL, MongoDB, MySQL, PostgreSQL.
Deploy: AWS, Heroku, Azure, Vercel, Netlify,Firebase
Tools: Jenkins, Git, Github, Docker, Kubernetes, VS Code, Intelli J, Eclipse.

LEADERSHIP AND ACTIVITIES

• Collaborated in a workshop for students on using Git and GitHub for collaborative software development.
• Participated team of four developers in a hackathon focused on building a decentralized application.
• Part of workshop for developers on using Google Cloud Platform for building and deploying cloud-native applications.