Lagos, Nigeria.
https://github.com/MoshoodRafiu

MOSHOOD RAFIU

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SUMMARY

An innovative software engineer with a 5-year Computer Engineering degree and 2 years of experience. Well-versed in technology and writing code to develop software that is reliable and user-friendly. A creative tech enthusiast with a talent for critical reasoning and problem-solving, and a passion to contribute to how the internet is progressing and how technology is evolving.

EMPLOYMENT

Full Stack Developer, Remote   **Cultuzz Digital Media GmbH, Germany**   **July 2021 - Present**
- Optimized the speed of booking channels mapper by 50% by grouping multiple relevant fetch requests into a single request and optimizing database query.
- Integrate new and existing products with multiple property management systems.
- Implement new user interface design using modern web technologies.
- Leveraged knowledge in third-party API integration, Docker, Git, JavaScript, PHP, Vue JS, Laravel and MySQL databases.

Full Stack Developer, Contract   **BigCommand LLC, USA**   **Nov 2021 – July 2022**
- Implemented a new user interface for the video hosting channel and optimized its load time by 70% by implementing lazy loading and rewriting of the relevant database queries.
- Refactored the watch history feature of videos for improved analytics and reduced bandwidth utilization on the server by 35%.
- Developed a viral campaign feature which increased the application users by 15% in the following month.
- Leveraged knowledge in Git, JavaScript, PHP, Vue JS, Laravel and MySQL databases.

Backend Developer, Intern   **Atata57, Nigeria.**   **July 2020 – Feb 2021**
- Developed a cart system for an e-commerce application to handle the cart of both authenticated and unauthenticated users.
- Developed REST API endpoints and wrote detailed documentation using Swagger.
- Leveraged knowledge in REST API development, PHP, Laravel, MySQL database and Swagger.

EDUCATION

Lagos, Nigeria   **Lagos State University**   **Dec 2016 – July 2022**
- **Major:** Electronic and Computer Engineering (CGPA: 4.76 of 5.0)
- **Relevant Coursework**: Introduction to Programming in Python, Data Structures & Algorithms, Operating Systems, Computer Network, Database System Design and Management, Object Oriented Programming.

SOFTWARE PROJECTS

Portfolio Website: https://moshoodrafiu.netlify.app (for additional information and projects)
COVID-19 Self-Testing Software
- Developed a web application using JavaScript and PHP that allows users to take a COVID-19 self-test, and then suggests the nearest COVID-19 centres based on location if the risk level is high.
- Utilized: JavaScript, PHP, Python, Laravel, Vue JS, MySQL, HTML/CSS, Numpy, Scikit Learn.

Hotel Management Software
- Developed a web-based and mobile-friendly application to manage the day-to-day activities in hotels and generate extensive reports based on demand.
- Utilized: JavaScript, PHP, Laravel, Vue JS, MySQL, HTML/CSS.

Skills

Software: (proficient) JavaScript, PHP, Git, HTMS/CSS, MySQL (familiar) Python, Matlab, AWS.