

SANI MUHAMMAD SANI

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SOFTWARE ENGINEER

Analytical, solutions-oriented software development professional with extensive experience driving complex, large-scale technical projects covering software/database/network development, product implementation, and technical support. Special expertise in assessing risk and translating innovative ideas into technology solutions.

SKILLS

- Languages: Python, JavaScript, Java, .NET, C#, HTML, CSS
- Frameworks: Flask, Django, React.js, Node.js
- Databases: SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
- Version Control: Git
- Deployment: Heroku, AWS, Netlify, Google cloud
- Other: RESTful APIs, AJAX, JSON, WORDPRESS, JIRA

EXPERIENCE

WALMART ADVANCED SOFTWARE ENGINEERING VIRTUAL EXPERIENCE, 12/ 23 - CURRENT

- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem solving and algorithmic skills.
- Design a UML class diagram for a data processor, considering different operating modes and database connections.
- Create an entity relationship diagram to design new database accounting for all requirement provided by Walmart's pet department.

LYFT BACK-END ENGINEERING JOB SIMULATION, 03/2023 - 11/2023

- Drafted a UML class diagram representing a new reorganized architecture.
- Refactored a messy codebase inherited from another team to accurately reflect my new design.
- Implemented unit test and added new functionality using test-driven development.

SKYSCANNER FRONT-END SOFTWARE ENGINEERING VIRTUAL EXPERIENCE, 12/ 22 - 03/23

- Completed a job simulation where I built a web application using React as a Front-end engineer at Sky scanner.
- Developed a page for picking a travel date using Sky scanner's open-source Backpack React library.
- Customized my application and ran automated tests to ensure it rendered properly.

EDUCATION

AHMADU BELLO University, ZARIA • M.Sc. Artificial Intelligence || 2023 - CURRENT
UMARU MUSA YAR'ADUA University, KATSINA • B.Sc. Computer Science || 2016 - 2019