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Hayatudeen Abdulrahman

Backend Engineer Intern (E-commerce Startup)

SKILLS

- Experience with backend engineering using Nodejs and ExpressJS framework
- Proficient in using Git and Github for version control and collaboration
- Experienced in using MongoDB for database management and development
- Skilled in testing APIs to ensure their functionality and reliability
- Self guided learner with the ability to quickly find answers and learn new technologies while also being receptive to constructive criticism

Projects

Gutenberg Fiction Books API

Independently Developed a RESTful API that utilizes Node.js and Express to provide efficient access to over 20,000 fiction books from the Project Gutenberg Books Library. Designed and implemented the API architecture, including database schema design, routing, and middleware configuration. Deployed the API to cyclic.sh, allowing users to access the API's endpoints through HTTP requests. Overcame challenges such as optimizing database queries and implementing pagination for large datasets. Received constructive criticism from a senior developer, resulting in improvements to the API's performance and functionality.

JobHub Backend API

Currently working on the JobHub backend API, a Node.js and Express.js application that uses MongoDB for data storage. The API offers endpoints for job search and application, job posting by employers, and user and job management by administrators, with Passport.js handling authentication and authorization. The API is also being tested to ensure its functionality and stability. I’m also integrating GitHub Actions for continuous integration and continuous delivery(CI/CD), which allows for automated testing of the API.

Discord QR Bot

Developed a Discord bot that utilizes the 'qr-code' module to generate QR codes from user-provided arguments. The bot then promptly displays the resulting QR code to the user. Through this project, I was able to hone my problem-solving skills and gained valuable experience working with third-party modules.

EDUCATION

ALX-Holberton School – Software Engineering School

May 2022 – November 2022 (dropped out), Remote

Did 7 months of a comprehensive software engineering bootcamp focused on full-stack web development. Learned fundamental programming concepts, tools, and techniques, including C programming, bash scripting, Linux, Python, HTML, CSS and JavaScript. Gained experience in working remotely, object oriented programming (OOP), test-driven development (TDD), and pair programming. Dropped out after 7 months due to personal reasons.

Rukayat Science Academy – High School Certificate

September 2013 – June 2018, Nigeria