

Okpo-mfon Stephanie C.

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About

An analytically driven , female software backend developer, with a passionate desire to see more women thrive in the tech workspace.

Experienced and results-driven JavaScript Developer specializing in Node.js, with a strong passion for building robust and scalable web applications.

Experience

MONTH 2023 MAY- JULY

Stutern - *Backend Web Development intern*

- Developed Node.js services using Express servers for endpoints, handling daily HTTP requests.
- Incorporated design patterns like MVC architecture on the backend to increase backend codebase readability and decrease debugging time, resulting in a more efficient development process
- Implemented nodemailer for effective communication between the application and users, mail services utilized handlebars templating engine for dynamic email rendering.
- Utilized AWS S3 bucket for optimized data storage to rapidly build and deploy a full-stack application, enhancing overall user experience
- Developed a NoSQL database to handle significant data points/day with reduced query response time.
- Applied OAuth authentications and schemas with MongoDB app services to contain data systems.
- Applied Data sanitization with Joi and Improved application security with Bcrypt for password encryption and JWT for Authentication.
- Utilized web sockets to develop a realtime chat feature with socket.io, enhancing internal communication management and communication flow in the application.
- Implemented an error handling mechanism to drastically reduce errors on the client side resulting in better user experience.
- Implemented cors and gained familiarity with code management starting from the development to production stages of an application.

Projects

Above The Universe Api - <https://github.com/Above-The-Universe/atu-backend-api>

- Utilized Axios to integrate third party API's from Nasa and SpaceX.
- Drastically improved API performance through implementing proxy features such as internal caching and data compression.

Movie Store Api - <https://github.com/StephanieMfon/Movie-store-app-assignment>

- A backend server for an online movie store that authenticates users, allows users to add/remove movies and add movies to their wishlist.

Volunteer Role

2018 - 2021

Street Priests-*Volunteer Community Manager*

- Worked with a team to improve the community support system by using Asana to monitor support requests.
- Designed Volunteer appreciation and recognition programs that led to community growth and higher engagement and participation
- Utilized SurveyMonkey to carry out community assessments and take action on the feedback, resulting in a more positive community culture.

Education

University of Calabar, Calabar

BSC(Library and Information Science Degree)

Stutern Graduate Accelerator, Lagos

Backend Web development

Hard Skills

Javascript, Node.JS, React, AWS (S3), Express, Jest, NoSQL (MongoDB), Webpack, SQL, Chrome Web Extension, CSS, HTML, JQuery, Bootstrap, Web sockets, GitHub actions, JWT, Bcrypt, Scss, Axios, Firebase, Passport.io.

Soft skills

Creativity, Excellent time management, Technical, Good Verbal and written communication skills, Adaptability

Interests

Video games, volunteering, board games, chess, and puzzles