

JOSHUA DEI-ALORSE

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OBJECTIVE

Passionate software developer with a strong foundation in JavaScript, Python and C, seeking to harness my technical skills and hands-on experience in full stack development effectively within a dynamic team. Committed to delivering robust solutions, continuously learning and skill growth.

EDUCATION

- **ALX - Holberton School**
October 2022 - December 2023
Computer Software Engineering
- **Udacity Nanodegree**
June 2022 - September 2022
Data Analysis
- **University of Ghana**
2017 - 2021
Bachelor of Science, Marine Science
- **Presbyterian Boys' Senior High School**
2014 - 2017
General Science

SKILLS

- Proficiency in JavaScript, TypeScript, Python, Dart and C.
- Skilled in Frontend development with React.
- Experience in Back-end development, including executing unit and integration testing with Jasmine framework.
- Proficient in Mobile App development with Flutter.
- Proficiency in Node.js and associated frameworks like Express.
- Skilled in both relational databases (PostgreSQL and MySQL) and NoSQL databases (MongoDB).
- Familiarity with version control tools like Git and GitHub.
- Skilled in using JSON Web Tokens for Authentication and Authorization.
- Proficient in using Docker for containerization.
- Proficient in navigating the Linux command line.
- Skillful at building stable RESTful APIs.
- Knowledgeable in HTML, CSS and PHP.
- Solid understanding of software development principles and agile methodologies.
- Basic understanding of Machine Learning.
- Experience in data analysis, using Python libraries and SQL.
- Strong analytical, conceptual, and problem-solving abilities.
- Efficient prioritization and keen attention to details.
- Excellent interpersonal and communication skills.

EXPERIENCE

- **Skyscanner**
- October 2023

Intern

- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library.
- Customised an application and ran automated tests to ensure it rendered properly.

PROJECTS

- **Online Store API**

Developed a RESTful storefront web API using Node.js, Express.js, and PostgreSQL. The application allows users to create accounts, browse products, add items to their cart, and place orders. The API includes endpoints for creating, reading, updating, and deleting (CRUD) operations. Security features such as password hashing and JWT-based authentication were implemented. Additionally, conducted unit and integration testing with Jasmine and Supertest to ensure application functionality and stability.

(<https://github.com/YoungKing-Joshua/Build-a-StoreFront-Backend-API>)

- **Image Processing API**

Developed a robust RESTful API with image processing features using Node.js and Typescript. With this API, users can access and resize images, and also store them for future use. The project was developed using various dependencies including Express and the Sharp image processing library. Additionally, test cases were implemented using Jest and Supertest to ensure that the API functions properly.

(<https://github.com/YoungKing-Joshua/Image-Processing-API>)

- **Chat App (Fullstack)**

Developed a simple but elegant chat application using React, Node.js, and ChatEngine API. This platform enables users to effortlessly sign up and log in, explore diverse chat rooms, and enjoy real-time communication within a visually pleasing chat interface."

(<https://github.com/YoungKing-Joshua/React-Chat-App>)

ONLINE PROFILE

- **LinkedIn:** <https://www.linkedin.com/in/joshua-dei-alorse-ba9157236>
- **Github:** <https://github.com/YoungKing-Joshua>