

Joseph Bryan Macaraig

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EDUCATION

California State University, San Bernardino

May 2023

Bachelor's Degree in Computer Science **Relevant Coursework:** *Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Databases, Web Development, Software Design and Development, Operating Systems*

CERTIFICATE

IBM Full Stack Developer

Current

SKILLS

Agile • Web Development • Machine Learning • Artificial Intelligence • C/C++ • Python • Javascript • HTML/CSS • ReactJS • ExpressJS • NodeJS • NextJS • NestJS • GraphQL • Prisma • Django • Flask • MongoDB • PostgreSQL • SQL • NoSQL • AWS • Docker

PROJECTS

Palisade Printing Supply.

January 2024

Client Project, Front-End

- Led development of client's website with Next.js, showcasing expertise in dynamic web applications.
- Applied responsive design principles with Tailwind CSS for an optimal user experience across devices.
- Integrated and optimized email communication using Resend API.
- Collaborated with the client to understand needs and deliver tailored web solutions.

Resell Shoe Website (RetroSoleHub)

August 2022 - November 2022

Semester Long Project, Full-Stack, Grade:A+

- Led and managed a team of 6 individuals, effectively delegating tasks and providing guidance.
- Demonstrated strong leadership by assisting teammates in understanding the MERN stack.
- Designed a user-friendly website layout.
- Developed and implemented a server and database infrastructure, empowering administrators to efficiently retrieve and store data.

Inventory API

June 2022 - July 2022

Personal Project, Back-End

- Developed an inventory management system enabling admins to perform operations such as item creation, retrieval, updating, and deletion.
- Conducted comprehensive testing of CRUD API endpoints using Postman.
- Implemented the application using ExpressJS and NodeJS, utilizing MongoDB as the database.

Web Scraper

June 2022

Personal Project, Back-End

- Leveraged Python to interface with the StockX API, retrieving and organizing data using headers.
- Applied data manipulation techniques to store acquired information in JSON format.
- Transformed JSON data into JavaScript for integration with MongoDB.

OTHER EXPERIENCES

Starbucks, San Marino, CA

February 2020 - Current

- Cultivated customer connections to ensure long-term sales while delivering the Starbucks experience.
- Maintained cleanliness and organization for visually appealing workstations.
- Adapted quickly to changing circumstances and supported coworkers in a fast-paced environment.
- Collaborated effectively with team members to maintain efficiency.