Michael Delacruz Abad Jr

Portfolio: junmike.dev
GitHub: github.com/MichaelDAbadJr
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Professional Summary

Full Stack Software Engineer with expertise in React and Node.js. Skilled in integrating both front-end and back-end components to build scalable, high-performance web applications. Proficient in leveraging cloud technologies to enhance functionality and scalability, with experience deploying applications using modern DevOps practices such as CI/CD, Docker, and platforms like Heroku, Netlify, and Google Cloud. Committed to delivering high-quality solutions while continuously advancing technical skills.

Tech Stack

Front-End: React, Redux, HTML, CSS, JavaScript

Back-End: Node.js, Express, Django, MongoDB, PostgreSQL, RESTful APIs, Postman

DevOps: CI/CD, Docker, Heroku, Netlify, Google Cloud

Programming Languages: JavaScript, Python, Java, C++

CS Classes: Programming I & II, Data Structures and Algorithms, Application Programming, Linux, Systems Programming, Analysis of Algorithms, Machine Learning, Data Science

Projects

Picture Place Sharing App

A picture-sharing platform enabling authenticated users to share images. Built with a React frontend(Deployed on Netlify) and Node.js/Express backend(Deployed on Google App Engine). Integrated MongoDB, Google Cloud Storage, and Google Maps API. Enabled CRUD operations, secure user authentication, secure password hashing using bcrypt and JWT tokens.

Live Site: junmike-picture-place.netlify.app

GitHub Repository: https://github.com/MichaelDAbadJr/PicturePlaceApp

Tech Stack: React, Node, Express, MongoDB, Netlify, Google App Engine, Google Cloud Storage, JWT, bcrypt, Google Maps API

Food Order App

Created a full-stack food ordering app with React and Node.js. Features dynamic shopping cart, menu browsing, and order management. Deployed on Netlify and Heroku.

Live Site: junmike-food-order.netlify.app

GitHub Repository: https://github.com/MichaelDAbadJr/FoodOrderApp

Tech Stack: React, CSS, Node, Express, RESTful API, deployed on Netlify and Heroku

Tic-Tac-Toe App

Developed a feature-rich Tic-Tac-Toe game using React for a seamless and interactive user experience. The application supports two-player gameplay, real-time move tracking, and dynamic updates with state management. It includes a responsive interface for gameplay, player name customization, and game result handling.

Live Site: junmike-tictactoe.netlify.app

GitHub Repository: https://github.com/MichaelDAbadJr/TicTacToe

Tech Stack: React, CSS, HTML, JavaScript, Netlify

Developer's Portfolio

Designed a portfolio to showcase personal projects using React. Integrated Web3Forms API for secure contact..

Live Site: junmike.dev

GitHub Repository: https://github.com/MichaelDAbadJr/Portfolio

Tech Stack: React, CSS, HTML, JavaScript, Netlify, Web3Forms, react-router-dom

Education

University of Texas San Antonio – San Antonio, TX

Bachelor of Science in Chemistry, January 2014 - May 2018

University of Texas San Antonio – San Antonio, TX

Bachelor of Science in Computer Science, August 2020 - May 2021

Work Experience

Environmental Chemist **– San Antonio Water System - San Antonio, TX**

July 2020 - Present

- Operated and troubleshot laboratory instruments and software, showcasing technical problem-solving skills.

- Managed data entry and reporting into Laboratory Information Management Systems (LIMS), reflecting data handling and systems management.

- Conducted routine statistical analysis and generated data visualizations, demonstrating strong analytical abilities.

- Managed inventory and ordered supplies, highlighting organizational and project management skills.