





Amir Jann Castañeda

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Motivated engineering graduate intent on advancing a career in the tech industry. Passionate about building clean, user-centered, and scalable web applications. Seeking a full-stack web developer position utilizing the MERN stack to develop solutions to business needs.

Education

2015 - 2020

Ateneo de Davao University · BS Electrical Engineering · Cum Laude · School Awardee

I had taken an introductory programming class where I created a Tic-tac-toe game in C# using Object-oriented programming principles. My programming skills were further honed through Arduino-based projects and MATLAB. I was a consistent dean's lister and was active in several organizations where I organized and facilitated events and seminars. I graduated with honors and was conferred the School of Engineering and Architecture award for my academic and leadership excellence.

NOVEMBER 2021 - PRESENT

Zuitt Coding Bootcamp

This is a 12-week Web development bootcamp that focuses on the MERN stack. The full stack curriculum includes front end, back end, and full stack course. We learn how to create static web apps, a backend application supporting its interactive web app, and an understanding of client and server interaction.

Projects

Pomodoit – *HTML, CSS, Bootstrap, Axios, Node.js, Express.js, MongoDB*

Pomodoit is a full-stack productivity web application modeled after the pomodoro technique. It allows users to select a task to work on, listen to noise-cancelling audio, customize the timer, and login to their accounts to track their progress. Users can also opt to receive weekly and monthly reports.

E-commerce API – *Node.js, Express.js, MongoDB*

A REST API for the e-commerce web application I'll be developing, it allows an admin to create, read, update, and archive products. Customers can login to their accounts, shop for products through simple queries, and also retrieve the products using categories and filters. They can then add the products to their shopping cart for payment. Documentation is available in my GitHub repository.

Course-booking API – *Node.js, Express.js, MongoDB*

This is the first API I created to familiarize myself with CRUD operations and it is deployed in Heroku. An admin can create, modify, and archive courses. Students can register to their accounts, view their information, and retrieve the courses. The server handles the authentication and authorization of users.

Personal Portfolio Website – *HTML, CSS, Bootstrap, JavaScript*

This is my personal portfolio website hosted in GitHub that presents my professional information and showcases my projects.

Indeed Scraper – *Python, SQLite, Dash, Pandas*

This is a program that extracts data about work positions supplied by the user from indeed.com. It uses BeautifulSoup, a Python library, to scrape the job title, company name, location, and salary. Data is stored in SQLite where it can be viewed in the web browser using Dash.

Skills

Backend • Node.js • Express.js • JavaScript • Python • Pandas

Frontend • HTML5 • CSS3 • Bootstrap • Selenium

Databases • SQLite • MongoDB

Tools • Git • Git Bash • Postman • Sublime Text • Visual Studio Code • NPM • Heroku