David Melendez

Full Stack Web Developer

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Education/Training

09/2023 - 03/2024
• Recently completed an intensive six month course through UC Berkeley Extension in Full Stack Web Development.
• Received certification in AI/Prompt Engineering course through edX.

Technical Skills

•Programming Languages: HTML/CSS, JavaScript and SQL
•Development: Agile, OOP, MVC, ORM, CRUD and Responsive Web Design with a Mobile First focus.
•Libraries/Frameworks: React.js, Express.js, Handlebars.js, Sequelize,LangChain and Mongoose.
•Tools/Platforms: Git/Github, VScode, Heroku, Render, Netlify, Inquirer.js, MySQL Workbench and Insomnia.
• Databases: MongoDB and MySQL.

Open-Source Projects

• React Portfolio | https://gilded-genie-b2058a.netlify.app/
In this React.js single page app I used the React components to manage the application state
and pass data through the app. I've connected some of my projects to the portfolio page allowing the user to access the deployed sites and Github repositories by their associated links.

•Clean Air API | https://jarettdesanti.github.io/Air_Quality_Website/
This was my first group project so much of the focus was on employing the Agile development model, working as a team on our feature branches and creating pull requests. Also developing an understanding of the Github workflow by opening issues to assign tasks and accountability, initializing a project and using Kanban to track the progress of the project and the team members work.

•E-commerce ORM App | https://github.com/Dmelz11/e-commerce-ORM
Although this app does not have a frontend therefore is not deployed, I have decided to include it because it utilizes so many important features necessary for operating a functional E-commerce backend. It uses Express.js and Sequelize to generate the ORM functions on the MySQL database and .dotenv and bcrypt to achieve password hashing for secure user validation. I used Insomnia for API testing.

•Work-Day-Scheduler | https://dmelz11.github.io/work-day-calendar/
This is a simple calendar application that allows the user to schedule events for a typical workday. It uses jQuery to update the HTML and CSS dynamically in the browser and employs a third-party API call to the Day.js library to display the current date and time.

Resume