Christian Dean Demesa

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| **Github** | **Linkedin** | **Portfolio**

PROJECTS

Full-Stack MEAN Delivery | Link to Project

Backend utilizes a REST CRUD and login/registration API, custom error middleware with JWT authentication, bcryptjs for password hashing, and ts-node for typescript.

Frontend uses angular material, tailwindcss for styling, leaflet for the map, and paypal to handle payment.

Faux MERN E-Commerce | Link to Project

Backend additionally employs nodemon to restart the app after server changes, concurrently to simultaneously run the client and server, dotenv for environment variables, express-async-handler to oversee asynchronous express route exceptions, and the Stripe API to handle fake purchases.

Frontend emphasizes the use of react-redux, redux-persist, and reduxjs/toolkit to manage the logged in user's state and cart, react-router-dom to handle the app's web routing, and stripe-js and react-stripe-js to control the payment UI.

Functional MERN Chat | Link to Project

Backend applies cors so that the app has access to resources at differing origin, colors to highlight various terminal logs, socket.io to manage real-time communication, and prettier to organize code, and eslint to enforce proper coding practices.

Frontend features Material-UI as the design's foundation, Emotion for styling, axios for HTTP requests, displays avatar images generated from the Multiavatar API, and socket.io-client to communicate to the server's sockets.

EXPERIENCE

Haynes Family of Programs, La Verne — *1:1 Aid*

AUGUST 2019 - AUGUST 2021

Developed and taught 2 individual lesson plans which resulted in a 47% increase in mathematics, 25% increase in english, and 72% decrease in behaviors for both ASD students.

Transported and was responsible for the well-being of an average of 6 students before and after class.

EDUCATION

Coding Dojo, Online - Online — *Full-Stack Developer Certificate (Python, MERN, Java Full-Stacks)*

SEPTEMBER 2021 - DECEMBER 2021

University of California - Irvine — *Bachelor's in Philosophy*

AUGUST 2014 - JUNE 2019

SKILLS

Programming Languages:
HTML5, CSS3, JavaScript 8/11, NoSQL, SQL

Frameworks/Libraries:
Bootstrap, jQuery, Express, React, Node.js, Redux, Axios, Bcryptjs, Dotenv, JWT, React Router Dom, React Icons, React Three Fiber, Leaflet, React Spring, Loaders.css, Prettier, EsLint, Multer, Material UI, Emotion, Dnd Kit, Full Calendar, Nivo, Recharts, Formik, Yup, TailwindCSS, Socket.io, Framer Motion, tsParticles, Angular, Angular Material

Databases:
MongoDB, MySQL

Other Tools:
VS Code, Git, Github, Git Bash, Postman, Pieces, MongoDBCompass, MySQL Workbench, React DevTools, Redux DevTools, Pesticide, Netlify, Render, EmailJS, Google Fonts, OBS Studio

Other Skills:
Sass, Typescript, Stripe, Paypal, DRY code, React Hooks, CRUD Operations, RESTful Routing/APIs, JWT protected Routes/Endpoints, MVC Architecture, Responsive Web Design, Project Deployment, Basic Video Editing