

Christian Dean Demesa

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| [Github](#) | [Linkedin](#) | [Portfolio](#)

PROJECTS

Full-Stack MERN Blog | [Link to Project](#)

Backend utilizes a REST CRUD and login/registration API, custom error middleware with JWT authentication, bcryptjs for password hashing, multer to upload files, 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, and react-router-dom to handle the app's web routing.

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, 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, Google Fonts for various fonts, material-ui-carousel for the image carousel, 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, and socket.io to manage real-time communication.

Frontend further 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, Dottedenv, JWT, React-Router-Dom, React-Icons, React-Toastify, React-Three-Fiber, React-Leaflet, React-Spring, Loaders.css, Flask, Prettier, ESLint, Multer, Material-UI, Emotion, Dnd Kit, Full Calendar, Nivo, Recharts, Formik, Yup, Tailwind CSS, Socket.io, tsParticles, Framer Motion

Databases:

MongoDB, MySQL

Other Tools:

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

Other Skills:

Sass, Typescript, Stripe, Multivatar, React Hooks, CRUD Operations, RESTful Routing/APIs, JWT protected Routes/Endpoints, MVC Architecture, Responsive Web Design, Project Deployment, Basic Video Editing