

Christian Dean Demesa

SOFTWARE ENGINEER

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christian-dean-demesa-portfolio.netlify.app

Summary

A software engineer with a college degree and multiple software development bootcamp certificates. A strong communicator who enjoys collaborating on a team or leading projects independently that is eager to leverage their diverse technical skills. Professional experience with React and Next.js full-stack development, relational and non-relational databases, containerization, and the deployment of web applications.

Skills

Languages [HTML, CSS, JavaScript, TypeScript, Python, Java, SQL] **Frameworks/Libraries** [React, Next.js, Angular, Flask, Spring Boot Node.js, Express.js, jQuery, Puppeteer, NumPy, Pandas, Mongoose] **Databases** [MongoDB, MySQL, SQLite] **Tools** [Vercel, Netlify, Render, VS Code, Git, GitHub, Bitbucket, Figma, Canva, Vite, ESLint, Prettier, Docker, Postman, Firebase, Supabase, Appwrite, DigitalOcean, JSON, SASS, TailwindCSS, Styled Components, Bootstrap, Axios, Redux, React Testing Library, Jest, Vitest, WordPress, Jira, Slack, Notion]

Relevant Experience

W Brand Studio | Full-Stack Web Developer | Costa Mesa

May 2023 - Present

- Containerized 3 web applications with Docker, maintaining consistency and scalability for all projects across different environments, and wrote technical documentation on how to run them.
- Implemented a web scraper with both JavaScript Puppeteer and Python BeautifulSoup to compile data from websites and seed it into MongoDB, increasing team efficiency by 20% during development.
- Spearheaded the transition of TypeScript instead of JavaScript in React projects, establishing strict type safety that reduces debugging time by 25% and merge conflicts by 5%.
- Developed custom content management systems for 4 web applications that could add, edit, or delete various data on the user interface, saving the team 10 hours a week from manually changing information for clients.
- Utilized several technologies and tricks to keep the loading of assets to a minimum, such as preloading videos with Cloudflare, incorporating off-screen animations, and Next.js's server side rendering feature for images stored remotely in Firebase.

Technical Projects

MERN E-Commerce | Lead Developer | github.com/dyslecixdev/MERN-ecommerce

- Established user authentication using Redux in order to protect routes, and keep track of the items in the shopping cart.
- Programmed standard e-commerce features, such as filtering items, leaving comments and reviews, leveraging faux purchases with the Stripe API, and saving past order receipts.
- Designed the website to be mobile responsive for all portrait and landscape devices, and supported on 3 major browsers: Chrome, Safari, and Edge.

Education

Coding Dojo | Full-Stack Developer Certificate | Remote

December 2021

- An immersive 4-month full-stack software development bootcamp that specializes in Python, Java, and MERN (MongoDB, Express.js, React, Node.js).
- Spent 1000+ hours on intensive coursework through all phases of the project development of full-stack web applications, including building, pair programming, testing, debugging, and deploying.

University of California, Irvine | Bachelor of Arts Philosophy | Irvine

June 2019

- Graduated with an average GPA of 3.6.