

Andy Valencia

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EDUCATION

California State University, Dominguez Hills

Carson, CA

Bachelor of Science in Computer Science

FREELANCE EXPERIENCE

Harbor Distribution

Los Angeles, CA

Full Stack Developer

Feb 2023 - May 2023

- Created client-side web application utilizing HTML, CSS, Node.js, and JavaScript to support dynamic content consumption and user engagement.
- Configured server-side architecture with Express and MySQL to handle CRUD operations with the database.
- Integrated version control with Git & enhanced scalability by deploying the application on the Heroku platform, accelerating the development process by 30%.
- Designed UI/UX HTML forms for back-end logic with automated field validation rules to optimize website speed & usability for daily users, improving customer satisfaction scores by 11%.

PROJECT EXPERIENCE

Ghost Recon HQ

Long Beach, CA

MERN Stack Application

- Spearheaded the development of a comprehensive MERN stack application, demonstrating expertise in both frontend and backend development, tailored for Ghost Recon Breakpoint enthusiasts.
- Developed an intricate injury system for added realism and a random mission generator for milsim players, leveraging creative problem-solving skills to enhance gameplay experience.
- Designed an intuitive user interface featuring a detailed dashboard, displaying key information such as squad member names, classes, locations, and injury status, ensuring seamless user experience.

Fitness Club

Long Beach, CA

React API Application

- Implemented Rapid API to fetch dynamic content, including workout instructions and integrated YouTube videos for an interactive user experience.
- Designed and integrated fitness calculators utilizing a specialized fitness API, offering users personalized health and workout metrics.
- Utilized React components to seamlessly integrate multiple API endpoints into the application, improving data accuracy by 15% and reducing load time by 30%.

portfolio - Website

Long Beach, CA

Frontend Development

- Constructed website from scratch utilizing HTML, CSS, and JavaScript to display current projects, boosting online visibility by 150%.
- Utilized Github Pages hosting service while reducing total web hosting costs by 40%.
- Optimized UI/UX of the website through coding design changes & custom styling, yielding a 15% increase in user engagement.

SKILLS

Languages: Java | Python | HTML | CSS | JavaScript | C | C#

Frameworks & Libraries: React, Express, Leaflet

Tools & Technologies: Git, Netlify, Hostinger, Heroku, GitHub Pages, GitHub, Adobe XD, Figma

Web Development: Full-Stack, UI/UX Design, Responsive Design, API Integration

Database Technologies: MySQL, MongoDB