

Roberto Vega

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EDUCATION

Bachelor of Computer Science

Sep 2019 - Dec 2024

Stockton University

Galloway, NJ

- Coursework: Data Structures & Algorithms, Database Systems, Computer Networking, Application Development, Software Engineering, System Analysis and Design
- Leadership: Teaching assistant to 20+ students

EMPLOYMENT HISTORY

Frontend Developer Intern

Oct 2024 - Present

Aurora Web Studio

Melbourne, AU

- Developed an internal troubleshooting tool with React and Firebase, boosting the support team's efficiency by over 40%
- Enhanced client's customer conversion by 30% by redesigning the checkout flow and migrating the database to Firebase.
- Partnered with the COO to streamline client communication processes, resulting in a 30% reduction in client meetings and a 70% increase in team productivity by implementing efficient workflow solutions.
- Developed a custom React hook to debounce search inputs, significantly reducing unnecessary RESTful API requests by 66%, leading to improved performance and efficiency on client SaaS platforms.

PROJECTS

Nationwide Web-Based Hub System [\[Github\]](#)

Python, Flask, JavaScript, HTML/CSS, SQL, AWS

- Developed a full-stack web application with Flask serving a REST API and developed the frontend using HTML/CSS
- Implemented GitHub Auth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Developed online database with scalable AWS RDS SQL server backend

E-Commerce Website [\[Github\]](#)

HTML5, CSS3, JavaScript, React

- Developed a dynamic e-commerce website using React, JavaScript, HTML, and CSS, enabling users to browse and compare products seamlessly.
- Integrated external APIs to fetch real-time product data, ensuring up-to-date inventory and pricing information.
- Implemented an intuitive user interface with a responsive design for a smooth shopping experience across devices.
- Optimized performance and functionality, enhancing page load speed, navigation, and transaction flow for improved user engagement.

SKILLS

Java, Python, JavaScript, HTML5, CSS3, React, Firebase, SQL, Flask, Maven, Git, Github, Node.js

