Ruben Valdez
Full Stack Engineer

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https://rubenavaldez.github.io/Portfolio/
1-408-667-6833
Tucson, AZ, USA

Innovative Full Stack Developer with a keen eye for detail and efficiency. Excels in problem-solving and quickly mastering new technologies. Proven ability to overcome challenges and communicate effectively with diverse teams and stakeholders

Work Experience

Full Stack Engineer
Quick Organics

Oct 2022 - Sep 2024

Developed innovative web applications designed to simplify and streamline the certification process, making it more accessible for farmers to achieve organic certification.

- Developed a user-friendly interface using React.js, enabling smooth navigation and interaction.
- Implemented robust back-end services to handle data processing and certification workflows.
- Boosted application performance by 30% through leveraging TypeScript and Next.js.
- Created a scalable architecture with Django and Next.js, enhancing application efficiency and reliability.
- Utilized TypeScript for robust type-checking, enhancing code maintainability and reducing bugs.

Full Stack Developer & Lead Instructor
Persevere

Jan 2020 - Oct 2022

Developed and delivered a comprehensive coding curriculum, empowering incarcerated individuals with valuable technical skills.

- Achieved a 95% student success rate in web technologies, recognized for outstanding performance.
- Built a Learning Management System (LMS) incorporating automation and algorithms to personalize learning experiences and streamline administrative tasks.
- Trained and mentored new instructors across multiple states, standardizing teaching methods and improving effectiveness.
- Implemented significant curriculum and policy improvements, advancing the overall program.
- Demonstrated advanced proficiency in developing full-stack web applications, contributing to real-world projects.

Projects

Quick Organics Certification Assistant

Oct 2022 - Present

A comprehensive application designed for the certification of organic products, streamlining the certification process for organic farmers.

TPP - Transitional Production Plan

Oct 2023 - Present

A lightweight version of QOCA endorsed by the FDA

References

Rose Tovar

Lead Instructor for Persevere
719-255-3048
roseatovar@gmail.com

Rodney James

Chief Technology Officer at Quick Organics

520-431-2662

Rodneyrjames@gmail.com

Core Skills

HTML, JavaScript, NoSQL, Python, SQL, TypeScript, Axios, Bootstrap, Express.js, jQuery, Next.js, Node.js, React.js, Sass, MERN, MVC, MVVM, OOP, MongoDB, MySQL, Postgres, Git, Github, GitLab, Jira, User Interface, Webpack, Computer Science, Front-End Development, Web Applications, Responsive User Interface, Problem Solving, Troubleshooting, Redux, Codebase, User Interface Design, Project Management, Progressive Web Applications, Communication, CSS, Team Collaboration, Adaptability, Attention to Detail, Information Technology, Unit Testing, Agile, API

Education

Glendale Community College
Sep 2020 - May 2025

Associate of Science Astrophysics
GPA 4.0

University of Arizona
Jan 2020 - May 2024

Certificate Web Development
GPA 4.0

Languages

English *(fluent)*

Certificates

Full Stack Developer
Sep 2019

University of Arizona

Python Certification
Oct 2024

Harvard University

Interests

Astronomy, Poetry, Professional Musician, Martial Arts, Mindfulness