

# AUSTIN PEREZ

Full-Stack Web Developer

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<https://github.com/AustinPerez760>

<https://austinperezwebdev.vercel.app/>

## EDUCATION

Certificate  
Full Stack Web Development  
University of California San Diego  
 La Jolla, CA

Associates  
Business Admin  
MiraCosta College  
 San Diego, CA


## SKILLS


- Languages: JavaScript ES6+, CSS3, HTML5, Bootstrap, JQuery, Node.js, Express.js, Angular.js, React.js, Tailwind, Python, Typescript, LIT Web Components, Vue.js, Swift, Mdui3
- Databases: MySQL, NoSQL, MongoDB, Mongoose.js, Sequelize.js, Robo 3t, Microsoft Dynamics CRM, DynamoDB
- Tools: Visual Studio Code, AWS, Google Lighthouse, Git, GitHub, MVC, OOP, WordPress, React Native, Django, Selenium, Jest, Figma, Agile, SVN, Confluence, JIRA, Postman, MonoREPO, Apollo, Vite, Vitest, Storybook

## WORK EXPERIENCE

### Full-Stack Engineer


#### NextEra Energy


-  2024 - 2025

 Juno Beach, FL
- Created an advanced front-end model that improved cost analysis efficiency, reducing estimation time by 50% for solar projects.
  - Engineered over 20 reusable web components using TypeScript, streamlining UI rendering and improving user engagement metrics by 15%.
  - Engineered an advanced testing framework using Vitest that produced thousands of unit tests in seconds, enhancing the Solar Estimating Team's efficiency.
  - Created optimized GraphQL methods, allowing solar estimators to generate custom API calls, reducing test execution time by 50%.

### Systems Software Test Engineer II


#### Tandem Diabetes Care


-  2022 - 2024

 San Diego, CA
- Led manual and automated testing initiatives for Tandem Mobile Bolus Technology, reducing testing time by 30% through efficient scripting.
  - Executed 200 software validation protocols, enhancing system efficiency by 12% and expanding test coverage across all levels.
  - Achieved a 96% defect detection rate by identifying and tracking software defects through closure alongside comprehensive test report documentation.
  - Spearheaded the test team's strategy development, achieving a seamless launch of Tandem Source Canada with 100% test coverage.

### Systems Software Tester I


#### Tandem Diabetes Care


-  2021 - 2022

 San Diego, CA
- Performed manual code assessments of digital health systems software in accordance with company software development lifecycles and FDA guidelines.
  - Executed and documented 100 manual performance software tests achieving 98% personal detection rate and 92% reduction in post-release defects across 15 projects.
  - Wrote 40 manual test cases to help migrate Tandem web based applications to React frameworks resulting in 100% detection rate over 4 projects.

### Sole Author


#### Freelance Web Developer


-  2019 - current

 Carlsbad, CA
- Developed full stack applications using industry-standard technologies, enhancing user engagement through improved UI/UX design.
  - Deployed or collaborated on over 20 web based applications with developers across the country.
  - Wrote reusable unit test documents to ensure quality control throughout applications.

### Software Consultant

#### JW Installations

-  2024 - 2025

 San Diego, CA
- Proposed customized software solutions to compare, capture, and track business metrics.
  - Managed a software team of 4, streamlining data collection processes and increasing completion rate insights by 40%.
  - Tracked project milestones through SCRUM related practices to capture project development progress.