

Sam Perez

Web Developer

Diligent and goal-oriented developer with 6 years of experience spearheading full-stack development, enhancing UI/UX design and leading QA testing efforts. Adept in creative problem solving, large scale collaboration, and project management.

WORK EXPERIENCE

Full Stack Engineer

NextEra Energy

Juno Beach, FL | 2024 - 2025

- Spearheaded front-end development by designing a UI that mocked NextEra's cost analysis templates, reducing solar project estimation time by 50%.
- Engineered over 20 custom web components for 3 separate web applications using JavaScript, TypeScript, Cursor, and Windsurf streamlining UI rendering and improving user engagement metrics by 15%.
- Engineered an advanced testing framework using Vitest and Python that produced thousands of custom unit tests in seconds, enhancing the Solar Estimating Team's efficiency.
- Created optimized GraphQL methods using advanced JavaScript in pairing with AWS services, allowing solar estimators to generate custom API calls, reducing test execution time by 50%.

Full Stack Web Developer

Sole Author

Austin, TX | 2019 - current

- Developed over 25 interactive full stack applications, enhancing user engagement by 30% with custom UI/UX designs developed.
- Developed full stack applications and a SaaS based site focused on utilizing React, Node, and RESTful API's, increasing user engagement metrics by an average of 60%.
- Led the deployment of 20+ web applications, enhancing SEO strategies that boosted client traffic by 40%.
- Executed the development of 5 MERN stack application projects, enhancing team efficiency by 30%.

Software Consultant & Jr Web Developer

Global Flow Cycling

San Diego, CA | 2023 - 2025

- Developed strategic initiatives for the software development team focusing on KPI metrics, project planning, and resource allocation.
- Spearheaded application development projects scheduling 15+ projects while identifying critical paths in order to streamline workflows.
- Developed innovative UI components that enhanced user experience by 30% through tailored prompting strategies in large language models such as OpenAI & Claude.
- Led technical talent acquisition team, reducing time-to-hire by 50% through strategic sourcing and interviewing processes.

Software Test Engineer

Tandem Diabetes

San Diego, CA | 2020 - 2022

- Led manual and automated testing efforts for Tandem Mobile Bolus technology, reducing testing time by 30% through efficient scripting.
- Spearheaded test case design and automation for US and Canada launches of Tandem Source Platform, achieving 100% test coverage and regression testing bug detection.
- Streamlined the systems test teams strategy development with enhanced training courses, achieving 100% test coverage for Tandem Sources' React framework migration.
- Spearheaded 20+ automation initiatives, enhancing Tandem user authentication efficiency by 30% within the web application suite.

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<https://github.com/AustinPerez760>

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

SKILLS

- JavaScript ES6+, CSS3,
- HTML5, JQuery, Node.js,
- Express.js, Angular.js, React.js,
- Tailwind, Python, Typescript, Vue.js
- NextJS, Tailwind, Shadcn
- MySQL, NoSQL,
- MongoDB, Mongoose.js,
- Sequelize.js, Robo 3t, Microsoft
- Dynamics CRM, DynamoDB
- Visual Studio Code, AWS, Git,
- GitHub, MVC, OOP, WordPress,
- React Native, Django, Selenium,
- Jest, Figma, Agile, SVN, Confluence,
- JIRA, Postman, GraphQL,
- Vite, Vitest, Storybook,
- Claude, WindSurf, Cursor. OpenAI
- MicrosoftOffice Suite

EDUCATION

Associates of Arts

Business Administration

MiraCosta College

San Diego, CA

Certificate

Full Stack Web Development

University California, San Diego

2019

La Jolla, CA