Javier Barrera

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Technical Skills

Programming/Scripting: JavaScript (ES6+), TypeScript, HTML5, CSS3, Java (Basic), Bash
Frameworks & Libraries: React, Bootstrap, Material UI, Formik, Yup, React Testing Library
Tools & Platforms: GitHub, Git, Jira, Figma, WordPress, GIMP, Visual Studio Code, GitHub Copilot, REST API's
Databases: PostgreSQL(Basic)
Concepts: Responsive Design, Agile, SCRUM, Algorithms, Data Structures, Version Control, Debugging, API Integration

Technical Experience

Front-End Developer | Open Source Volunteer   May 2025 - Present
Hack For LA - Expunge Assist
Tech Stack: HTML, CSS, JavaScript, React, TypeScript, Material UI, Figma
- Collaborate with cross-functional Agile team of **10** using Kanban board and Slack to streamline communication and resolve development issues efficiently
- Contribute to open-source repository by completing **5** issues, debugging critical Front-End errors, and translating Figma designs into fully responsive TypeScript components to enhance UI consistency
- Maintain content, layout, and formatting in alignment with Figma specifications, improving UI consistency and reducing design deviations

Front-End Developer | Personal Project   Jan 2025 - Present
My Pet Care
Tech Stack: HTML, CSS, JavaScript, React, TypeScript, Figma
- Define technical and UI requirements by creating **13** detailed user stories, to improve feature alignment and reduce development revisions by **20%**
- Design and prototype **8** responsive web pages and **6** reusable UI Components in Figma, and refined image assets in GIMP
- Deployed a React TypeScript application to GitHub pages, optimized performance across **5** device types

Front-End Developer | Meta Certification Capstone Project   May 2023 - Jul 2023
Meta Front-End Developer Capstone - Little Lemon Restaurant
Tech Stack: HTML, CSS, JavaScript, React, Figma, Yup, Formik
- Developed a React web application from Figma prototypes and wireframes, building **17** reusable components
- Implemented input validation libraries for customer reservation forms, eliminating form submission errors and enhancing overall user experience and data accuracy
- Integrated an API data source to generate real-time reservation options based on selected dates, automating booking workflows

Front-End Developer Intern   Jun 2020 - Sep 2020
Omviser
Tech Stack: HTML, CSS, Bootstrap
- Produced web components following mockup directions and specifications given by a UI designer and constructed them using mustache templates and Bootstrap
- Generated a mentor search page containing mentor information and a star review system assembled using Bootstrap and custom CSS resulting in a responsive mentor information page with **8** subcategories
- Partnered with **1** Back End member to ensure mentor API worked correctly and used to dynamically fill search page with mentor profiles

Education

California State University, Northridge (CSUN)   2021
Bachelor of Science in Computer Science

Leadership Experience

Technology Chair   Jun 2025 - Present
Society of Hispanic Professional Engineers Greater San Fernando Valley (SHPE-GSFV)
- Led the development and implementation of a new HTML email template and MailChimp automation, improving engagement with **30** active chapter members
- Directed the revitalization of the SHPE GSFV WordPress website, leading updates to design, content, and functionality using Elementor and decreased SHPE GSFV website loading speed to **1 second**
- Oversaw technology initiatives for the chapter, including Google Form development, configuring board email accounts, editing graphics in GIMP, and ensuring reliable tech support

Certifications

Meta Front-End Developer | Meta   2023
JavaScript Algorithms and Data Structures Masterclass | Udemy   2026