

Rodrigo Mejia

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EXPERIENCE

Study.com, Mountain View, CA — Software Engineering Intern

May. 2025 – Aug. 2025

- Contributed as a full-stack engineering intern on a cross-functional Agile team. Completed 30+ story points across new feature development, bug fixes, and system enhancements.
- Built reusable React (TypeScript) components following the company design system, documented them in Storybook, and implemented features including new “About us” pages, a progress bar component, and an overwrite feature for an internal tool to make administrative database changes.
- Diagnosed and resolved front-end and back-end bugs, including critical issues with closed captioning (third-party API) and data inconsistencies in promotional course content.
- Wrote unit and automated UI tests using Selenium Falcon, conducted QA sessions, and deployed production code via Jenkins and Tomcat.
- Collaborated with engineers, designers, and analysts through Agile practices; used Jira for ticket tracking, Crucible for code reviews, and Notion for documentation.

Freelance, Redwood City, CA — Full-Stack Web Developer

Clients: JG Home Improvement, Raja Brands LLC

Dec. 2023 – May 2025

- Developed and deployed responsive, user-friendly websites tailored to business needs, enhancing digital presence for both companies.
- Designed and implemented intuitive front-end interfaces alongside robust back-end architecture, ensuring secure and efficient data handling.
- Managed API routes, keys, and DNS configurations for secure and seamless service integration.
- Conducted comprehensive performance testing via Google Cloud Platform, optimizing loading speeds and system reliability.
- Deployed and maintained cloud-based hosting environments for high availability and scalability.
- Indexed websites on Google, creating and submitting sitemaps to improve SEO rankings and visibility.
- Provided post-launch monitoring, maintenance, and optimizations for continued operational efficiency.

FreshFrosh LLC, Santa Clara, CA — Full-Stack Web Developer

Jul. 2024 - Nov. 2024

- Developed responsive web interfaces with JavaScript frameworks.
- Integrated AI-driven features into the platform, optimizing usability and performance.
- Created a data pipeline for processing and analyzing resume data.
- Designed and implemented robust APIs to support the platform’s networking and recruitment functionalities.
- Managed real-time database synchronization, cloud storage, and user authentication.

TipNow Resilience Inc., Fremont, CA — NLP Engineer

Mar. 2024 - July. 2024

- Developed an NLP algorithm for a campus security platform to assess anonymous tips and assign threat levels.
- Served as the main point person for a team of interns through development.
- Implemented multiple NLP models to evaluate and classify threat levels.
- Created a data pipeline for ingesting, processing, and analyzing data.
- Oversaw the labeling and annotation of platform data for high-quality training.
- Created tests to analyze model performance based on various metrics.
- Increase model accuracy to 94%.

MISSION STATEMENT

Software engineer with a B.S. in Web Design and Engineering from Santa Clara University, skilled in designing scalable solutions, building efficient APIs, and applying agile methodologies. Proficient in web technologies and machine learning, with hands-on experience in full-stack development, cloud applications, and algorithmic programming.

PROJECTS

Donation Tracking Mobile Application — Banco De Alimentos: Cali

Created a mobile application to streamline donation tracking and assigning drivers for pickup for Banco De Alimentos: Cali. Developed the User Interface with React Native and Expo. Utilized Firebase for hosting and database management.

EDUCATION

Santa Clara University, Santa Clara, CA — Bachelor’s of Science, Web Design and Engineering

Sept. 2018 - Dec. 2023

Relevant Coursework: Data Structures, Web Technologies, Graphic Design, Computer Networks, Web Infrastructure, Web Programming, Web Usability, Web Information Management, Search Engine Optimization, Information Retrieval.

SKILLS

Programming & Frameworks:

TypeScript, Python, C, C++, Java, React, Flutter, JSP, Flask

Testing & Documentation:

Selenium Falcon, Storybook

Database Management:

SQL, PHP, BigQuery

Build, Deployment & Version Control:

Gulpjs, Jenkins, Tomcat, Git, Google Cloud Platform, AWS, Kubernetes

Machine Learning:

NLTK, SciKit Learn, PyTorch, TensorFlow