

Rodrigo Mejia

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EXPERIENCE

FreshFrosh LLC, Santa Clara, CA — Web Developer

Jul. 2024 - Sept. 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.
- Ensured security best practices were followed in API development and database integration.
- Managed real-time database synchronization, cloud storage, and user authentication.

TipNow Resilience Inc., Fremont, CA — NLP Engineer

Mar. 2024 - Aug. 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%..

Raja Brands LLC, San Francisco, CA — Web Developer

Dec. 2023 - Aug. 2024

- Developed a responsive website for a chai latte drink using ReactJS and Firebase for the backend.
- Set up user sign-up, authentication, and database management with Firebase.
- Created a store locator with Google Maps API, allowing users to find product locations by zip code.
- Implemented a customer email collection form integrated with Firebase.
- Optimized website performance and SEO using Google Cloud Platform, improving load speed and search rankings.
- Adjusted site structure and content based on Web Performance reports to enhance user experience.
- Synchronized store locations and product info in real-time with Firebase.

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 Programing, Web Usability, Web Information Management, Search Engine Optimization, Information Retrieval.

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.

Sentiment Analysis— NLP Algorithm

Developed and implemented a model leveraging logistic regression and GloVe word embeddings to classify text sentiment as positive or negative for service reviews; conducted data cleaning, preprocessing using NLTK, and thorough evaluation of model performance

SKILLS

Programing Languages:
TypeScript, Python, C, C++, Java

Web Frameworks:
ReactJS, NextJS, VueJS, Flutter, Flask

Database Management:
SQL, PHP, BigQuery

Cloud Deployment Tools:
Google Cloud Platform, AWS, Kubernetes

Machine Learning Libraries:
NLTK, SciKit Learn, PyTorch, TensorFlow