

Juan Tejeda

Full Stack Software Engineer

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As a skilled software engineer, I have hands-on experience building full-stack web applications using modern technologies such as React, Flask, and PostgreSQL. I excel in implementing robust and scalable solutions that align with the technical needs of any project. In addition to my technical expertise, I am highly adaptable, thrive in collaborative environments, and bring a strong ability to learn and apply new concepts quickly.

Skills

Languages: JavaScript, TypeScript, Python, SQL, HTML5, CSS3

Frameworks/Libraries: React, Bootstrap

Backend Development: RESTful APIs, Flask, Node.js, Express

Databases: PostgreSQL, SQLite, MySQL

Tools/DevOps: Github, AWS, Heroku, Git, DBeaver, Postman, Terraform, CI/CD

Certifications: Coding Temple - Full Stack Software Engineer

Projects

E-commerce Website (*React, JavaScript, Python, Flask, HTML/CSS, JSON, PostgreSQL, Node.js*) [[Project Link](#)]

- Developed a comprehensive e-commerce application with a React-based frontend and a Flask backend to handle server-side logic and RESTful API creation.
- Created a RESTful API using Python and Flask to manage consumer, product, and cart data in a PostgreSQL database.
- Conducted thorough testing of API endpoints using Postman to validate CRUD operations and ensure reliable data handling.
- Designed and implemented key website components, including homepage, user authentication (sign-in/sign-up), admin dashboard, and product section using HTML/CSS and JavaScript.

OSRS Drop Simulator (*React, JavaScript, Python, Flask, HTML/CSS, JSON, PostgreSQL, Node.js*) [[Project Link](#)]

- Developed a dynamic web application with a React-based frontend and a Flask backend to manage and analyze structured data efficiently.
- Designed and implemented a RESTful API using Flask to handle database interactions, supporting CRUD operations with PostgreSQL.
- Built an interactive user interface with React, enhancing usability and real-time data updates.
- Optimized database queries and server-side logic to improve application performance and data retrieval speed.
- Integrated JSON for structured data exchange between client and server, ensuring smooth communication.

Valorant Stats Tracker (*Node.js, JavaScript, Express, PostgreSQL, Discord API*) [[Project Link](#)]

- Developed a Discord bot that tracks Valorant player stats, integrating the Discord API for real-time updates and interaction.
- Created RESTful API routes using Express/Node.js to fetch player data and manage tracking information in a PostgreSQL database.
- Implemented commands for adding and removing users from tracking and updating player statistics.
- Ensured efficient API polling and database synchronization, maintaining up-to-date data for multiple users across different servers.
- Performed comprehensive testing of the bot's functionality, including command responses and API interactions, to ensure seamless user experience.

Experience

Web Development Tutor: *Tutor.com* | Remote

APR 2025 - PRESENT

- Provide personalized tutoring and technical guidance in JavaScript, React, HTML/CSS, and web application architecture to students ranging from beginners to intermediate-level developers.
- Break down complex full-stack concepts into manageable lessons, helping learners understand real-world coding challenges.
- Assist with debugging and optimizing frontend/backend code, fostering understanding of best practices and code maintainability.

Software Engineer Trainee: *Coding Temple* | Remote

DEC 2021 - PRESENT

- Developed fullstack projects utilizing React for the frontend and Flask for the backend, demonstrating application of coding principles.
- Adapted to new programming concepts and technologies, demonstrating a strong ability to learn and apply knowledge effectively under tight deadlines.
- Contributed to a group project that integrated third-party APIs which showcased the ability to work with complex systems and modern tech stacks.

Shipping & Receiving Coordinator: *Walmart Pharmacy* | Spring, TX

DEC 2024 - APR 2025

- Coordinated logistics with cross-functional teams to optimize shipment accuracy and efficiency, showcasing strong communication and teamwork skills.
- Streamlined inventory tracking by identifying inefficiencies and proposing process improvements, demonstrating analytical thinking and problem-solving.
- Managed high-volume workflows under strict deadlines, highlighting adaptability and the ability to thrive in fast-paced environments.

System Designer: *Magnolia* | Houston, TX

JULY 2017 - APRIL 2020

- Designed and installed custom high-fidelity audio/video systems for clients, showcasing technical problem-solving and system integration skills.
- Collaborated with an installation team to ensure system compatibility and usability for clients.
- Developed and maintained strong customer relationships, contributing to a growing portfolio and client base.
- Tested and optimized AV systems to ensure long-term reliability, leveraging attention to detail and analytical skills in troubleshooting.

Education

Coding Temple, *Certificate - Software Engineering*

San Jacinto College, *A.A.S. Respiratory Care*