Juan Baltazar Tapia

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Languages	Python, JavaScript, TypeScript, Java, R
Frameworks/Databases	MySQL, MongoDB, Supabase, Tailwind CSS, Next.js, Node.js, React
Tools	VS code, Postman, Jupyter Notebook, Git

Experience

Software Engineer Intern   **Washington, DC**
Management Leadership for Tomorrow   **June 2023 - August 2023**
- Worked with 4 team members on Frontend and Backend utilizing React, Node.js and TypeScript to create a blog website with articles around lifestyle, tech and art built from scratch.
- Developed the UI utilizing Tailwind framework as the base for the structure of the website.
- Collaborated using tickets, made pull requests through GitHub, weekly code reviews, and worked together as a team.

Computer Science Tutor   **Willimantic, CT**
Eastern Connecticut University   **October 2023-Present**
- Provided one-on-one assistance to undergraduate students in computer science courses such as data structures and algorithms, computer science fundamentals, and data science.
- Led study groups and review sessions, contributing to a collaborative learning environment, as well as communicating regularly with students and staff to ensure student success.

Technical Projects

Flavor-Fusion (TypeScript/React/Tailwind, Supabase) https://github.com/juan-baltazar-tapia/Flavor-Fusion *
- Developed a web application that generates personalized itineraries for dining and entertainment based on user preferences, budget, and location.
- Integrated data from popular review platforms and event ticketing sites to provide top-rated restaurant recommendations and local music events.
- Implemented secure user authentication allowing users to create accounts, login, and save recommendations.

Album Discussion Board (JavaScript/React/Tailwind, Supabase) https://github.com/juan-baltazar-tapia/Gas-or-Pass *
- Developed a dynamic and interactive web application that allows users to search for artists and select albums.
- Utilized Supabase, to efficiently store and manage albums, songs, and comments, and allowed users to edit and delete their posts, allowing users to engage and express their opinions.
- Designed and developed a granular permission system that restricts users to editing and deleting only their own posts, ensuring data integrity.

Professional Development and Community Involvement

Management Leadership for Tomorrow (MLT)   **Washington, DC**
Career Preparation Fellow   *March 2022-November 2023*
- Accepted into an 18-month professional development program for high-achieving diverse talent.
- Complete business case studies and assignments to grow leadership and technical skills.
- Attend conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target.

The Center for Community Engagement (CCE)   **Willimantic, CT**
Volunteer   *August 2020-Present*
- Collaborated along 20 volunteers packaging food pantry into boxes distributing a total of over 100 boxes.
- Partnered with Garden Club of Windham to remove invasive species and move 100 pounds of wood chips.
- Worked alongside 30 volunteers in a fast-paced environment to distribute thanksgiving food to those in need.

Education

Eastern Connecticut University   **Willimantic, CT**
Bachelor of Science in Mathematics, Minor in Computer Science   *May 2024*
Awards: Scholarship Recipient of Dream.US Opportunity Scholarship