Giovanni Medrano

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EDUCATION

University of Texas at Austin — Austin, TX
Bachelor of Science in Mathematics, Minor: Computer Science — *2017 – 2021*
Relevant Coursework *Software Design, Software Engineering, Web Programming, Mathematical Modeling*

EXPERIENCE

.NET Software Engineer, Truist Financial — Charlotte, NC
Jan 2024 – Aug 2024
- Maintained and optimized MVC and MVVC applications in C# and the .NET framework, ensuring smooth collaboration across multiple teams.
- Resolved Veracode and SonarQube issues, facilitating seamless migration to targeted server environments.
- Led deployment tasks, including version control, configuration management, and release validation, to enhance the efficiency of the release cycle.
- Executed comprehensive endpoint testing with SOAP UI, ensuring reliable data transfer across team systems.
- Conducted meticulous manual testing to confirm accurate and effective implementation of SQL database updates.

Full Stack Java Engineer, FDM Group — Charlotte, NC
Oct 2023 – Current
- Upgraded legacy components using Angular 15 and 17, refining syntax and improving overall functionality.
- Leveraged Spring Boot to manage the back-end, integrating with SQL databases to capture, store, and retrieve essential data.
- Applied MUI and CSS to bring wireframes to life, delivering a clean and responsive UI that aligns with design standards.
- Designed and managed SQL databases, ensuring efficient data storage and retrieval.
- Spearheaded tasks throughout the development cycle, adhering to 2-week sprint cycles, and ensuring delivery in line with Business Analyst (BA) specifications.
- Utilized JIRA to track, break down, and refine tasks, demonstrating progress while coordinating effectively with QA teams to ensure quality and completion of all subtasks.

PROJECTS

Job It | *Next, Javascript, Tailwind, RestAPI, Git* — Jan 2023
- Web application that enables users to search for job openings, view estimated salary ranges for positions, and locate available jobs based on their current location.
- Implemented a RestAPI that collects job listings from various sources across the internet and provides users with up-to-date and accurate job information.
- Incorporated a dynamic search feature that allows users to filter jobs based on location, pay ranges, and type of jobs.

More Rent | *Vite, MongoDB, Express, Javascript, Tailwind, Git* — Feb 2023
- Developed a full-stack web application using Vite as the frontend and Express serving a REST API as the backend, allowing users to easily search, book, and manage car rentals from various providers.
- Integrated a MongoDB database to store user information and car rental data, providing a secure and reliable platform for users to manage their bookings and rental history.
- Implemented user authentication and authorization using JSON Web Tokens (JWT) to ensure secure access to the application and user data.

Filmpire | *React, HTML, MUI, JavaScript, TMDB API, Git* — Nov 2022
- Designed and developed an online movie database using React, HTML, MUI, and JavaScript, providing users with a comprehensive source of movie information including cast, reviews, and movie recommendations.
- Incorporated the TMDB API to automatically update movie information and ensure up-to-date content for users.
- Implemented functionality to allow users to easily favorite movies and add them to their watch-list for future viewing.

ShareMe | *React, Sanity, HTML, CSS, JavaScript, Git*   Nov 2022
- Built a dynamic and fully interactive social media application that enables users to share images and animated GIFs with others.
- Utilized React as the front-end and Sanity as the back-end to create a seamless user experience and handle data interaction between users, including adding pictures, deleting, saving, and commenting on posts.
- Integrated Google OAuth2 to gather user data and ensure secure authentication for users.

TECHNICAL SKILLS

Languages: JavaScript, Java, C#, Python, C++, SQL, HTML/CSS, R, Assembly
Frameworks/Libraries: React, Angular, SpringBoot, Node.js, Express, Entity, Tailwind, Material-UI, Pandas, NumPy, Matplotlib
Developer Tools: Git, Github, VS Code, Visual Studio, PyCharm, Postman, SOAP UI
Databases: MongoDB, MySQL
Agile Methodologies: Jira, Asada, Height