MANUEL ZAMBRANO

FULL STACK DEVELOPER & QA ENGINEER | EXPERT IN AGILE ENVIROMENT

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PROFILE

Experienced Software Developer and QA Engineer skilled in Agile methodologies, with a strong foundation in functional, GUI, and regression testing. Adept at API testing and application security, collaborating effectively with cross-functional teams.
Bilingual in Spanish and English.

At Atlas School, I am further enhancing my skills in modern JavaScript, React/Redux, Node.js, Angular, and database management (MySQL/PostgreSQL).
My contributions to diverse projects range from building authentication services to developing games using Python and Pygame. Skilled in SQA for Web and Mobile products, I am adept at embracing new technologies, collaborating with teams, Agile/Scrum processes, training new members, and have a deep understanding of SQL data management.

TECHNICAL SKILLS

- **OS:** macOS, Windows, Linux, iOS, Android
- **Dev/Testing Tools:** Chrome DevTools, BrowserStack, Android Studio, Xcode, ADB, UNIX..
- **Project Management:** Jira, Notion, Trello.
- **Test Management Tool:** TestRail.
- **API:** REST API, SOAP, Postman, Charles Proxy.
- **Database:** MySQL, PostgreSQL, MongoDB.

WORK EXPERIENCE

ATLAS SCHOOL / SOFTWARE DEVELOPMENT – FULL STACK / Aug 2022 – April 2024

Tulsa, Oklahoma, United States · Hybrid

Atlas School is a 20-month software engineering school in Tulsa, Oklahoma, where I developed skills from basic programming in C to advanced web development using technologies like **JavaScript, Angular, React/Redux, Node.js, C#, ASP.NET**, and **MVC**. I participated in projects ranging from **authentication services to complex CRM systems**, **optimizing databases with MySQL and MongoDB**. **Engaged in projects utilizing SOAP protocols and XML for web services, enhancing capabilities in secure and efficient API communication.**
Software and Frameworks

- Modern JavaScript, Angular, React / Redux, Node.js, Redis, Data privacy, Data structures, Algorithms, MySQL / MongoDB
- Desktop and mobile version of websites, MySQL performance debugging, Cache from scratch.
- Proficient in C#, JavaScript, and ASP.NET; skilled in utilizing MVC architecture and Razor Syntax for robust web application development.
- Authentication service, Background jobs system, Student dashboard in React, CRM dashboard in React

GITHUB REPOSITORIES PROJECTS

+ The Zeus Cloud Game **Github Link**
A 2D game developed in Python using the Pygame library, featuring player-controlled characters, cloud enemies, collision detection, sound effects, and a scoring system. Demonstrates fundamental game development concepts.

+ Sleeping Dragon Project **Github Link**
A sleep improvement web solution built with HTML5, CSS3, JavaScript, and Bootstrap. Prioritizes responsive design, intuitive navigation, and detailed sleep aid information, delivering a holistic approach to sleep enhancement.

+ HR ChatBot Github Link
This project is an AI chatbot base built with React for user interfaces and Node.js on the backend, communicating with APIs. Docker is used for containerization and deployment, facilitating configuration and providing a consistent environment

DWELLA- QA ENGINEER / Feb 2021- May 2022

- Conducted comprehensive testing on web and mobile applications (iOS & Android), ensuring high-quality user experiences across multiple platforms.
- Tracked and reported issues.
- Developed, maintained and executing test cases using TestRail.
- Performed Black-box, smoke, functional, UI and regression testing
- Was responsible for compatibility testing on a variety of platforms and devices.

EDUCATION

- **HOLBERTON SCHOOL (Atlas**) Software Development. Diploma in Computer Science and Full Stack, (Aug 2022 – April 2024)
- **Bachelor of Plastic Arts, mention Visual Arts. Experimental National University of the Arts** *(UNEARTE)***.** (2010- 2015)

CERTIFICATIONS

- Certified Financial Markets Analyst, Global Business Community. Stocks, Options and Futures.
- Manual QA Engineer CAREERIST PROGRAM.
- Introduction to the terminal and command line. PLATZI.
- Basic Course of Testing in Java. PLATZI.
- Math Fundamentals. PLATZI.
- Introduction to Test Automation. PLATZI.