ALEXANDER GONZALEZ

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Self-motivated Software Developer with technical experience and a working knowledge of Agile development. Proficient in C/C++, C#, SQL, JavaScript, Python, Bash/Shell Scripting, and HTML/CSS.

Work Experience

Full Stack Developer – March 2020 – Current
Visual Comfort & Co – Houston, Texas

- Designed, documented and developed a full-stack web application in C# which processed, analyzed and rendered customer data visually.
- Developed SQL stored procedures and views that drive critical business processes.
- Documented and optimized existing full-stack web application using C# and Entity Framework Core.
- Worked closely with Product Development and Marketing departments in launching new products and regular website content refreshes

Information Technology Software Developer Intern - September 2019 – December 2019
Southwest Business Corporation – San Antonio, Texas

- Designed, documented, and implemented an end-to-end robotic process automation for 12 virtual desktop interfaces by using UiPath, resulting in an average savings of 15 full-time employee hours weekly.
- Identified business processes as suitable candidates for RPA (Robotic Process Automation) by collaborating with management and other developers from across the enterprise.
- Provide development, testing support and followed the implementation standards and best practices in alignment with our architecture patterns.

Web Developer- November 2018 – November 2019
KTSW 89.9 at Texas State University – San Marcos, Texas

As a lead Web Developer for a small team, managed overall development; oversaw daily projects for site maintenance and web development tasks for two domains; implemented a development tool that lead to a 25% reduction in network failure.

- Oversaw and executed web platform updates, coded test plans, and managed content changes on a daily/weekly basis to maintain an up-to-date content platform.
- Utilized a MERN (MongoDB, Express JS, ReactJS, NodeJS) stack to develop a new web application.

Education

Bachelor of Science in Computer Science - December 2019
Texas State University – San Marcos, TX
Relevant Coursework – Software Engineering, Unix Programming, Object-Oriented Programming, Data Structures and Algorithms, Cyber Security, and Networking.

Personal Projects

eCommerce Web Application, Full Stack Application

- Designed and developed user interface by using ReactJS, Redux for Single Page Application development.
- Created and executed unit tests to ensure correctness by using Jest.
- Utilized Heroku and GitHub to automate project flow from development to the production environment.