Austin Williams

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EDUCATION

Utah State University   Logan, UT
Bachelor of Science in Computer Science   *May 2020*

TECHNICAL PROFICIENCIES

Languages & Technologies: **Tools:**

JavaScript (AngularJS, React, and npm), HTML5/CSS3, C#, SQL, Python, Java, C++

Git, Agile Methodology, Microsoft Azure DevOps, Microsoft Azure, Sourcetree, Visual Studio, IIS, Microsoft SSMS, Flask, Microsoft Office Products

EXPERIENCE

EarthSoft, Inc.   Remote
Software Developer II (Full Stack Web Developer)   *August 2021-May 2022*
Software Developer I (Full Stack Web Developer)   *August 2019-August 2021*
- Designed and implemented REST API endpoints to facilitate the flow of environmental data into and out of database management systems
- Developed automated tests using test-driven development to ensure continuous testing of the REST API
- Created test plans for QA to use to confirm user acceptance criteria is met
- Applied knowledge of HTML, CSS, JavaScript, AngularJS, and C# to develop new web app features
- Utilized Agile methodology to manage work and deliver product to clients in a timely manner
- Identified and fixed bugs in software to ensure exceptional user experience and accurate data reporting
- Collaborated with 12 team members in design and code reviews to ensure most effective path of development was taken
- Prototyped, built, and documented a custom web-based data entry and validation tool that provides the ability for clients to efficiently import error-free data into their database management system
- Led a focus group that investigated the viability of updating the company's web app from AngularJS to Angular or React
- Refactored basic authentication mechanisms to protect clients against DDoS attacks and safeguard client data
- Developed comprehensive documentation for REST API endpoints to assist clients in understanding and utilizing each endpoint

Software Quality Assurance Analyst   *May-August 2019*
- Confirmed functionality of company's products to ensure quality software is delivered
- Used SQL code to verify accuracy of data returned by software and aid in maintaining a reliable product
- Participated in design and code reviews with team's six developers to assess code changes and testing steps
- Documented testing results through defined process to communicate status of code with team
- Managed software builds and testing sites to maintain organized, useful testing environment
- Searched through code to find and fix errors before product release

ZAC-ARIAH.   Remote
Frontend Web Developer   *October 2021-Present*
- Designed and developed a React application from the ground up to fulfill customer need for a site that responsively displays architectural projects
- Configured site hosting using GoDaddy and cPanel to make site accessible to end-users
- Continuously deploy code to the hosted site to test updates in real-time