

Alan Murtha

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Technical Skills

Front End: JavaScript, JQuery, ES6, CSS, SASS, HTML
Back End: C#, .NET Core, Classic ASP, SQL, TSQL, MySQL, Java, C++
Tools: Visual Studio, Visual Studio Code, Git, Node.js, Gulp, SQL Management Studio, Photoshop, Illustrator, Adobe XD, Microsoft Azure, AQA, WAVE, PostMan, FreeFileSync, Blender, Microsoft Office

Work Experience

Full Stack Developer

Nov 2015 - Present

Spherexx

Tulsa, OK

- Architect and maintain a responsive multi-family housing website template hosted on 12 domains with a catalog of over 21,000 apartment units across 111 property buildings, increasing the percentage of units occupied to 97% between all properties
- Collaborate with a team of 5 developers to construct a \$100k single property apartment website using C# .NET 4.5 MVC, focusing on creating modular website pieces for quicker updates, along with helping establish new code and source control standards later used across the company
- Created and launched the company's first Chrome Extension to help automate apartment communities posting ads to Craigslist, using JavaScript and modern HTML5 standards to manipulate 3rd party website data and layouts as well as develop the extension's API to read clients' unit availability and post back results to track leads that come from ads, with 300 posts made in the initial month
- Research Google Page Speed optimizations and implement findings by adding JavaScript deferring, breaking down pages to modular sections to AJAX in, and lazy loading images, resulting in page speed scores improving from 20-30s to 97-99, presented these techniques to 20+ co-workers
- Update 15 websites to be ADA compliant with WCAG 2.0 AA standards using WAVE and AQA testing tools to help clients abide by new laws and court rulings
- Produced 17 customized iPad check-in forms for apartment leasing offices to manage visitors and have receptionists check them in, using Classic ASP on the backend to record detailed metrics like reasons for the visit, number of visitors in a party, and contact information with 37,000+ submissions since launch
- Resolved over 500+ bugs critical to website performance, presentation, and usability, making sure google maps was loaded only when needed on pages loading alone; saving the client approx. \$10,000 a year
- Train new hires and have done 10 so far on coding standards and field questions about specific programming issues and roadblocks

- Assist in quoting over 50 tasks and projects to managers, meeting deadline and budgets 90% of the time

Software Developer Internship

May 2014 - Jul 2014

USAA

Plano, TX

- Aided with designing and programming an iOS app to provide customers emergency relief during natural disasters
- Utilized Salesforce with other interns to create a recruiting application
- Performed daily and weekly SCRUM meetings with coworkers and team leaders

Head Lab Technician

Aug 2011 - May 2015

Oklahoma State University

Stillwater, OK

- Managed over 1,000 pieces of media for peers to checkout for research
- Explained word processing and music composing programs to colleagues
- Maintained and installed music software and printer hardware

Education

Bachelor of Science, Computer Science

May 2015

Minor Studio Art

Oklahoma State University, Stillwater OK