

Sheri M. Wilson

Qualifications Summary

- Highly motivated full-stack software engineer with team lead experience
- Over 7 years experience developing complex software applications with special attention to overall design and code maintainability (DRY code)
- Strong fundamentals and ability to quickly pick up new technologies
- Aspires to stay current with the latest technologies through frequent independent coursework (Udemy.com, Pluralsight, etc) and attendance at tech conferences and workshops
- Excellent collaboration and communication skills, both written and oral, with ability to adapt to changing priorities and conditions and deliver results as a member of either onsite or remote teams
- Highly skilled at communicating and translating technical specifications to business requirements and vice versa

Technology Summary

- **Languages/Markup:** JavaScript (ES6/ES5), Ruby, Java, C#, HTML5/CSS/SASS, SQL, PL/SQL
- **Development Frameworks/Libraries:** ReactJS, Redux, Rails, AngularJS, jQuery, .NET
- **Architecture:** MVC, Flux (Redux)
- **Testing Frameworks:** Mocha, Karma, JSDom, Selenium
- **Databases:** MySQL, Postgres, Oracle, MS Access
- **Build/Deployment/Web Tools:** Webpack, Yeoman, Grunt, Bower, Jenkins, Emmet
- **Concepts:** Design Patterns, MVC, Continuous Integration/Source Control (Git), REST, ORM (ActiveRecord), TDD

Professional Experience

Simmons Market Research, LLC (formerly an Experian Marketing Services division)

Jan 2005 – Feb 2017

The business has changed identities multiple times while retaining its overall objective to integrate consumer data from physical and online surveys, device meters, and other sources into a data analysis product marketed to television networks, advertising agencies and other advertisers. My work for the company has spanned 12 years in progressive roles as detailed below:

1. Jan 2016 – Feb 2017

Senior Software Engineer Team Lead

Set the course for the next 5 years of product direction and secured future ARR by leading a global-team of engineers in a project to translate our front-end, client-facing web application into ReactJS/Redux, while simultaneously maintaining and upgrading the original application coded in Flex/ActionScript. My responsibilities encompassed four primary areas:

- Development – writing React/Redux code for build/release, making design/architecture decisions, leading a contracted 3-member global team
- Project Management – translating user stories into technical requirements and creating Jira tickets, writing and maintaining technical documentation, interviewing contractor candidates and making hiring decisions
- Quality Control – performing code reviews in Gitlab and executing merge requests; mentoring junior developers
- DevOps – configuring and maintaining the Node and Webpack build environments

2. Jan 2010 – Jan 2016

Senior Software Engineer

- Developed AngularJS and Ruby on Rails modules for project “Nebula,” an ambitious, multi-stage redesign of the company’s internal production system

- Served as primary applications developer for the Data Collection business unit, maintaining ownership of a large code base and instrumental in automating quality control tasks and reporting functions resulting in substantial cost/time efficiencies e.g. reports requiring 2+ hours to assemble manually were now created in minutes.
- Responsible for DevOps tasks including Jenkins build and deployment of client-facing web applications to JBoss and Tomcat, along with associated bash scripting and log analysis
- Designed and implemented PL/SQL scripts utilizing the CheetahMail API to deliver targeted e-mails and text messages to respondents
- Key member of award-winning HackDay team. (Experian Global Finalists 2013) Project: Geographic / temporal visualization of mobile app usage.
- Promoted in October 2011 from Software Developer II

3. Jan 2005 - Jan 2010

Data Quality Analyst Expert

Led QA process and analysis on all aspects of data collection for an accredited, multi-modal national market research study, including design and implementation of testing methodology, identification of flawed algorithms, revision and documentation of programming instructions, and updates to all materials necessary for project execution.

- Conceived and developed a data management QA & Reporting application, directly resulting in product accreditation
- Chief programming liaison with third-party vendors
- Received Spirit Award (October 2007) for innovation and teamwork
- Received Profitability Award (Feb 2008) for contribution to business cost reductions
- Promoted in June 2008 from Data Quality Analyst Senior

Consumer Research Services; a VNU company

1998 - 2005

Sample Specialist

Responsible for quota-tracking, sample ordering, documentation of methodologies, script-testing, and production of status reports for national market research study

- Initiated and implemented report automation for the department.
- Designed relational databases with attention to normalization of data, referential integrity, and query optimization.
- Delivered an application to track financial institution mergers and acquisitions, resulting in 50% reduction in hours for part-time data entry specialists.
- Produced HTML help files for industry-specific software.

Education

Mt Sierra College, Monrovia CA

B.S. in Computer Information Technology, June 2010

4.0 GPA - Department Valedictorian