

Experience

Full Stack Software Engineer | *Steele Consulting*

June 2019 – August 2024

Internal Company Efforts | (C#, TS, Angular, SQL, AWS)

- Performed R&D to aid management determine feasibility, cost and effectiveness of projects.
- Collaborated with teams to develop Angular SPAs with C# and SQL backends for businesses. Modernized older codebases by adding CICD, migrating servers, and updating dependencies.
- Developed reporting tools in C# and SQL to send PDFs of compiled info via Email to management.
- Mentored newer software developers in understanding frameworks, libraries, and structure of projects.

Construction Billing Portal | (Angular, TS, C#, SQL)

- Developed SPA in Angular, C#, and SQL to aid construction contractors with business billing processes. Made processes go paperless and decreased response times between contractors drastically.
- Integrated cryptographic security features for more sensitive information.
- Secured S3 storage and added access control for private files.

Data Warehousing Project | (C#, SQL, Angular, TS)

- Designed & Developed robust workflow with C# & SQL to up data gathering & processing efficiency by 30%.
- Integrated logging using Serilog for generation and Seq for remote storage.
- Developed SPA in Angular to view warehoused data within pivot grids.

Virtual Interview Platform | (C#, SQL, JS, AWS)

- Scaled up encoding server infrastructure to serve tens of thousands of users nationwide with EC2 Auto Scaling with CloudWatch and SQS for message load monitoring.
- Refactored frontend to use WebRTC before Adobe Flash discontinuation, making the transition seamless for the end user.
- Worked with designers to make visual overhauls to the site and refactor Razor page structure.

Sports Club Membership & Management Web App | (PHP, JS, SQL, AWS)

- Scaled app infrastructure to handle rapidly increasing user base. Refactored business data schemas. Parallelized SMS and email messaging solutions in AWS.
- Implemented custom UI with Google Maps to recommend the nearest available club based on the user's address.

Economics and Litigation Management Portal | (PHP, JS, AngularJS, SQL)

- Automated business processes by integrating them with the QuickBooks API and SQL.
- Dockerized client's PHP/SQL/MongoDB environment to further develop and support the portal with our machines.

Education

Bachelor of Science – Computer Science | *New Mexico State University*

August 2018 – May 2022

- Crimson Scholar graduate with 3.7 GPA and University Honors.
- Relevant coursework: Operating Systems, Parallel Programming, Data Structures & Algorithms, Human Centered Computing, Linux System Administration, Linear Algebra.

Skills

- **Programming Languages:** C#, SQL, PHP, Typescript & Javascript, Java, Go, Lua, Powershell
- **Frameworks, Libraries, and Technologies:** Angular, .NET MVC, DevOps in AWS and Azure, Docker, Tech Research and Development, AngularJS, jQuery, CodeIgniter, Git, Node.js, IIS
- **Soft Skills:** Written and verbal communication, coordination, collaboration, mentorship and leadership.