Christopher Jeffery

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Skills

Angular, SASS, TypeScript, Docker, Node / NPM, Jasmine / Karma, C#, .NET Core, HTML, SQL, javascript, Dapper, Entity Framework, Visual Studio / Visual Studio Code, Git, TFS, Windows 7/8/10, Linux, Mac

Work Experience

Disney   **February 2020 - April 2020**
Senior Front End Engineer
Converting an internal windows application into a web application using Angular 8, Angular Material, TypeScript, and Sass.
- Coded the high-level structure of the application.
- Integrating Angular Material with the Disney themes to build a responsive web application.
- Identifying UX/UI issues to improve upon the windows application when converting to the web application.
- Efficient pages via debouncing, server side paging, memoization/caching, and rxjs (where applicable).
- Using ngx-datatable for interactive tables.

Health Data Vision   **June 2016 - February 2020**
Senior Software Engineer   *January 2018 - February 2020*
Rebuilt the web application with T-SQL, .NET Core, and Angular with SASS. This work helped triple the business and land a major client.
- Acted as frontend Achitect by creating the module structure, managing npm packages, and enforcing best practices via design discussions and code reviews while creating various pages.
- Focused on building configurable forms using Reactive Forms and T-SQL.
- Created/Enforced branch policies and strategy on Azure DevOps via Git. The policies included linting, unit tests, and builds while protecting master from direct merges.
- Helped setup an AWS S3 bucket and pipeline to publish the angular application.
- Introduced Docker, JWT, Unit Testing, and Code Reviews to the development team.
- Hired and mentored a frontend developer.

Front End Engineer   *June 2016 - January 2018*
Supported the web application using Durandal, KnockoutJs, jQuery and SASS.
- Designed and developed forms for Initial Validation Audit (IVA) and Healthcare Effectiveness Data and Information Set (HEDIS) projects.
- Improved efficiency of website through async ajax requests, forcing jQuery to use requestAnimationFrame, and utilized the concurrency model and event loop through setTimeouts and promises.
- Supported the Backend and Database teams when necessary.

DriveTime: Application II Developer   **February 2014 - April 2016**
Designed and developed logical high quality code for DriveTime's customer facing website. Moved to Internal Operations to research security needs and technical options.
- Supported business applications by identifying broken code, and then designed and developed logical high quality code to exceed design specifications for the business.
- Improved and sustained relationships with developers, architects, business analysts, and marketing/management
- Implemented MVC and Service-Oriented Architectures with .NET (WebApi and MVC)
- Deployed projects/assignments that had an impact on goals/objectives of the business

Education

Arizona State University, School of Biological and Health Systems Engineering
Bachelor of Science, Biomedical Engineering (2007 - 2011)

Arizona State University, School of Computing, Informatics, and Decision Systems Engineering
PhD Student, Computer Science (2011 - 2013)