

# Jarrold Davis

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***Innovative Full Stack Web Engineer with a Passion for UX and Details***

## Project Experience

### Axxess Technology Solutions

Web Engineer (March 2015 — July 2016)

Senior Web Engineer (July 2016 — June 2018)

*HomeCare SaaS product for home care and private duty agencies*

- Fix bugs in and make enhancements to the full stack (frontend, backend, and database schema/queries)
- Introduce new features into an existing enterprise-level codebase
- Participate in peer code reviews and quality assurance (QA) testing
- Assist in the optimization of engineering workflows to improve development efficiency, including customization of MSBuild project files
- Define and distribute a Docker Compose project for the backend's data service dependencies (including database and cache servers) for a consistent and always-available local development environment that is less reliant on shared development servers
- Spearhead introduction of new technologies for major new features
- Coordinate with mobile engineers to design and develop a new API for retrieving and updating existing application data critical to the rollout of a new mobile application
- Transition to the technical team lead role and participate with project/product management in the refinement and prioritization of bug fixes, enhancements, and major features
- Manage deployments for multiple environments (including Production): continuous integration builds (using TeamCity), application deployments (using Octopus Deploy), and database updates
- Integrate the product with multiple systems, both internal and external to the company
- Onboard and mentor new and existing team members
- Write documentation for project setup (onboarding) and development methodologies (version control strategies and deployment workflows)

### Technologies

#### Core Languages

- C#
- HTML and CSS
- JavaScript
- SQL (MySQL)

#### Development Tools

- *git* (version control)
- Visual Studio 2013 and 2017
- ReSharper
- MSBuild
- NuGet Package Manager
- Docker and Docker Compose
- npm and Yarn
- webpack
- Babel (modern JavaScript transpiler)
- Sass (CSS preprocessor)

#### Frameworks and Libraries

- .NET Framework
- ASP.NET MVC 5
- WCF (Windows Communication Foundation)
- Hangfire (background job execution)
- .NET Core
- ASP.NET Core
- Entity Framework Core
- jQuery
- jQuery UI
- Knockout.js
- Vue.js

## AtTask/Workfront

Frontend Developer Intern (January 2015 — March 2015)

*Internal tool for developers*

- Details about this project are not available due to an NDA

**Technologies:** Python, HTML and CSS, JavaScript, MySQL, git, PyCharm (IDE), LESS, Django, Angular.js

## Allegiance

Developer Intern (UI/UX Team) (September 2014 — December 2014)

*Multiple customer-facing web-based services for VoC (Voice of Customer) and EFM (Enterprise Feedback Management)*

- Assist in the selection of the CSS preprocessor to include in an existing development environment
- Integrate the Stylus CSS preprocessor into the existing build system
- Improve functionality and fix bugs of several JavaScript UI components
- Create new jQuery UI widgets, including compositions of other jQuery UI widgets

**Technologies:** HTML and CSS, JavaScript, Perforce (version control), Visual Studio 2010, Stylus, Underscore.js, jQuery, jQuery UI

## Education

### Neumont College of Computer Science

Bachelor of Science in Web Design and Development

*Earned March 2015*

## Additional Skills

### Core Languages

- Ruby

### Methodologies & Design Patterns

- OOP (Object-Oriented Programming)
- ReST (Representational State Transfer)
- MVC (Model-View-Controller) pattern and Separation of Concerns
- DI (Dependency Injection) and IoC (Inversion of Control)
- Agile methodologies (including Scrum)

### Development Tools

- Unix command line
- IntelliJ and other JetBrains IDEs
- Eclipse (Java IDE)
- Grunt.js
- Gulp.js

### Frameworks and Libraries

- ASP.NET MVC 4
- Ruby on Rails
- J2EE (Java 2, Enterprise Edition)
- TomEE (Tomcat for Java EE)
- Ember.js