

Jarrold Davis

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

Project Experience

Axxess Technology Solutions

Senior Web Engineer (July 2016 — June 2018)

Web Engineer (March 2015 — July 2016)

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*

Additional Technologies

- *MongoDB*
- *RabbitMQ*
- *Couchbase*
- *Redis*

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
- node.js
- Express.js