

JEDD AHYOUNG

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PROFILE

Full-stack developer, building solutions using various technologies. Seeking to apply my experience in a team-oriented, challenging environment with a forward-thinking company.

EXPERIENCE

Software Development Engineer, Microsoft Corporation (03/2017 - Present)

- Developed a Javascript-only browser-based video upload experience for the Channel 9 admin web application to preview video files, generate video thumbnails, and upload binary large objects to Azure Blob Storage.
- Documented build, deployment, and release processes for Channel 9 live events during Microsoft Build conference.
- Implemented a "chromeless" rendering mode for the Microsoft Docs platform to allow documentation to integrate seamlessly with other Microsoft products.
- Created components and templates for the Microsoft Docs Learn platform

Frontend/Backend Contractor, Office of Insurance Regulation (09/2015 - 03/2017)

- Wrote extensive documentation of critical business processes contained in existing legacy applications written in Visual Basic 6.
- Defined detailed migration strategies for new applications requiring the use of legacy application business rules.
- Created mockups of application concepts in Balsamiq, later creating working SPA prototypes using Aurelia.
- Built a dynamic SPA dashboard using Aurelia, KendoUI, and .NET WebAPI, customizing .NET build tools to use NodeJS task runners.
- Leveraged NHibernate, .NET WebAPI, async tasks, and Nuget to create pluggable webservice wrappers for existing applications.
- Created a web-based PDF viewer component using PDF.JS and Aurelia to serve as a document page stamping interface for the enterprise internal application.

Frontend/Backend Contractor, Florida DHSMV (01/2015 - 07/2015)

- Built dynamic, data-driven reports designed for PDF and CSV output using SSRS and Oracle stored procedures.
- Migrated the Florida Registration Decal Receipt form from a UNIFACE-based form to a dynamic SSRS report.
- Created web components in a single-page-application for the State of Florida Department of Highway Safety and Motor Vehicles using HTML5, DurandalJS, .NET WebAPI, and Oracle.

Application Developer, Surge LLC (04/2013 - 08/2014)

- Created a product module for SurgeHub which integrated with a third-party map provider (Agridata), allowing users to choose a map location, draw areas and obstacles on the map in their web browser, and have the acres calculated programmatically. Built using HTML5, AngularJS, d3.js, and .NET MVC.
- Implemented, using HTML5 and AngularJS, a new messaging module frontend for a the Surgehub product which replaced a frontend using proprietary Javascript and jQuery libraries. Deployed the module as part of a team release.
- Implemented a user-friendly web interface for creating and issuing permissions for Surgehub users, using AngularJS, .NET MVC, and Microsoft SQL Server.
- Built a custom module on top of the SurgeHub tablet application using Javascript and Phonegap for iOS and Android support.
- Completed a custom tablet app using Phonegap and AngularJS that provided digital signature support, which replaced the client's existing attendance system.

.NET Developer, Information Systems of Florida (10/2012 - 04/2013)

- Built, using ASP.NET Webforms, a step-by-step sign-up module which integrated with the Florida Building Code Information System (BCIS), an existing intranet application.
- Created an internal bulk email solution for the BCIS using ASP.NET Webforms, SQL Server, and Microsoft Exchange.
- Wrote extensive documentation for internal and state projects.

Web Developer, Infinity Software/Design Farm (02/2012 - 08/2012)

- Customized, configured, and launched a bespoke wordpress site as a lead developer working with one designer. As part of the project, extended Gravity Forms by developing a custom Wordpress plugin using PHP and MySQL in order to upload video files to Youtube as part of a form submission. The client was able to replace their existing mail-based workflow with the electronic submission system.
- Created, using HTML5 and DurandalJS, web-based learning software to be used for Florida's Common Core Standards program. Using SCRUM on a team with two other members, released modules and updates for a biweekly demo.

- Maintained the State of Florida FCAT Explorer application using Adobe Flash and Oracle.
- Deployed and customized an instance of ResourceSpace, a web-based digital asset management application written in PHP and backed by MySQL, for internal and external use as part of the Common Core Student Standards asset submission workflow.

Systems Engineer, Hayes Computer Systems (01/2007 - 02/2012)

- Configured and administered internet domain nameservers and email servers for the Florida Information Resource Network.
- Mediated communications between Internet backbone providers and state customers for bandwidth installations, upgrades, and disconnects.
- Troubleshot network issues affecting state and local customers, using Cisco-specific knowledge of routing and switching.

QUALIFICATIONS

Professional Scrum Master (PSM) I

Bachelors in Business Administration

Flagler College (Tallahassee) 2011

Linux/Unix System Administration Certificate

O'Reilly School of Technology, 2011