

# 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.

## TECHNICAL SUMMARY

Languages: HTML5, CSS, Javascript, SQL, C#

Frameworks/Libraries: Aurelia, ReactJS, AngularJS

Databases: MySQL, SQL Server, Oracle, PostgreSQL

## EXPERIENCE

*Software Development Engineer, Microsoft Channel 9 (03/2017 - Present)*

- Developed a Javascript-only browser-based video upload experience 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

*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 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, 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.
- Troubleshoot 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