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| Zachery Tillotson | ZacheryTillotson@gmail.com |
| 720-432-5123 |

**Professional Experience**

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**Position:** Senior Software Engineer **Company Name:** Aetna Inc Jul. 2017 – Present

**Responsibilities**

* Front end engineer developing next generation web application for insurance customers.
* Created JavaScript front end components using React, Redux, and associated technologies.
* Founded and promoted weekly training sessions for front-end engineers. Coordinated schedule, encouraged developers to give talks, promoted topics, gave presentations.
* Promoted development best practices via pull reviews and personal interactions.
* One of the primary developers of site redesign, implemented “run way” tasks to empower other developers.
* Managed Webpack code bundle configurations and build process in all environments.

**Position:** Web Developer **Company Name:** Self Employed Aug. 2011-Present

**Responsibilities**

* Designed, coded, and maintained many websites, both from scratch and customizing popular frameworks such as Wordpress.
* DiskDraft.com – Sports league draft application
* ZacheryTillotson.com **–** Personal website with links to other work.

**Position:** Senior Software Engineer **Company Name:** Healthgrades, Inc Mar. 2015 – July 2017

**Responsibilities**

* Front end engineer on large, public facing website seeing over 1,000,000 daily unique visitors.
* Served as front end chapter lead - evangelized best practices, coordinating the cross group development process, and on-boarding new developers.
* Wrote JavaScript front end components using React and Redux. Leader of company-wide push to migrate to Redux.
* Administered Git repositories, overseeing branch strategy implementation and assisting developers as needed.
* Started and drove company-wide weekly training sessions on front end topics. Coordinated schedule, encouraged developers to give talks, promoted topics, gave presentations.
* Created stand-alone front end development environment to optimize component creation.
* Managed Webpack code bundle configurations in all environments.
* Integrated with legacy C# Asp.Net backend application. Worked in conjunction with backend developers to integrate API layer with the server and client applications.

**Position:** Senior Software Engineer **Company Name:** Echostar Corporation Aug. 2012 – Mar. 2015

**Responsibilities**

* Developed website targeted to Dish Network customers seeing over 75,000 daily unique visitors.
* Wrote single-page application design web front-end. Technologies include Coffeescript, Backbone, Marionette, and Handlebars.
* Transitioned legacy site to pure back-end API written using Ruby on Rails, MySQL, and ElasticSearch driving web and native phone applications.
* Monitored and massaged high volume content ingesting scripts.
* Developed ActionScript and HTML5 video players through secure authentication service.
* Integrated front-end with several external services allowing user control of home set-top boxes.

**Position:** Software Engineer **Company Name:** Labjack Corporation Dec. 2011-Aug. 2012

**Responsibilities**

* Developed and supported line of physical world interface devices.
* Designed and wrote new client interface application in C++ and Qt using the QWT graphical library

**Position:** Software Engineer **Company Name:** Tyler Technologies Mar. 2010-Aug. 2011

**Responsibilities**

* Developed enterprise level local government tax and assessment applications in Java.
* Communicated directly with clients and with support technicians to resolve technical issues
* Active in and promoted company-wide extracurricular activities

**Position:** Software Engineer **Company Name:** Sun Microsystems Nov. 2007-Mar. 2010

* Member of internal business intelligence operations group
* Created business intelligence web portal serving salesmen, product managers, and company management using Java EE and HTML pages with Ajax functionality

**Position:** Contract Software Engineer **Company Name:** Evergreen Research Mar. 2007-Aug. 2007

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| **Education**   |  |  |  | | --- | --- | --- | | **M.S. Computer Science** | **Colorado School of Mines** | 2010-2012 | | *Research Interests: Data Mining, Artificial Intelligence, Machine Learning, Simulation, Web Programming.* | | | | **B.S. Computer Science** | **Colorado School of Mines** | 2003-2007 | |
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**Other Experience**

* Medtronic Navigation Student Intern during Colorado School of Mines Summer Field Course, 2006
* Colorado School of Mines Technology Consultant, 2004-2007

**Technical Skills**

* Excellent skills with Javascript, React, Redux, Sagas, HTML5, CSS3, Webpack, Bash scripting, Scrum, Git, Jenkins.
* Experience with C, C++, DOS scripting, Windows MSI, Java, J2EE, Coffeescript, Backbone, Marionette, Handlebars, HAML, Hamlbars, Jasmine, Ruby, Ruby on Rails, RSpec, PHP, SQL, ActionScript