

# Austin Maddox



Tyler, Texas USA

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## SUMMARY OF QUALIFICATIONS

- I ♥ CODE. Writing code is not my *job*; it is *what I do* and *who I am*. I truly have a passion for this stuff.
- I am AWS certified and specialize in JavaScript web development (Node.js, React.js), running successful development teams, and building/managing cloud infrastructure on AWS.

## EDUCATION

**Bachelors in Information Technology** – *Graduated May 2013*

Boise State University, Boise, ID - Emphasis: Development

## PROFESSIONAL EXPERIENCE

**Manager of Software Development/Sr. Dev** **Freeman** **[8/2018-Present]**

Senior solution architect working with JavaScript, React.js, JSON Express.js APIs, PostgreSQL, MySQL, Cassandra & DynamoDB NoSQL databases. I specialize in cloud infrastructure on AWS and NodeJS/JavaScript development with emphasis in REST APIs, Git, Docker, CI/CD, and testing.

- Principal engineer on "[Fuzion](#)", a data integration platform that equips event organizers to connect different event technologies and deliver seamless, personalized attendee experiences.
- Developed online virtual event solutions for major organizations in a wide range of industries. Designed numerous highly-available, cost-efficient, fault-tolerant, and scalable systems on AWS.
- Collaborated on an application that allows conference presenters and attendees to interact in real-time.
- Lead the development of a large-scale live event gamification system and real-time leaderboard feature based on attendee interaction data.
- Received hands-on training via a week long "[AWS Data Lab](#)" workshop engagement at Amazon in Seattle where we developed the architecture for a robust Data Lake solution and analytics pipeline.
- Created robust, automated, scalable, serverless big data pipelines using Lambda(Node), SQL, parallel-processing frameworks, and AWS Glue (Python/PySpark) ETL jobs to transform data.
- Experience working with evaluating different data structures based on workload needs (JSON, YAML, delimited files, Avro, Parquet)
- Integrated clickstream web analytics with EventTech and MarTech solutions.
- Familiar with imperative (AWS CDK) and declarative (Hashicorp Terraform) infrastructure as code.
- Received AWS Certification in October 2019.

**Sr. Full Stack Developer/Team Leader** **Western Power Sports, Inc.** **[7/2012-8/2018]**

Lead developer at WPS responsible for building and deploying high quality, highly reliable, scalable enterprise-level web applications and user interfaces. Development environments included a combination of an on-site IBM iSeries mainframe, and a fleet of cloud-based load-balanced autoscaling linux server instances on AWS.

- Wrote code for both front-end web UI using PHP 7, JavaScript/Vue/jQuery), Webpack, Gulp, HTML5 as well as back-end web application and microservice JSON API development.
- Created the [WPS REST API](#) platform using a PHP/Laravel framework, MySQL database, and JSON data structures. Acted as principal architect from the beginning; from the planning and design stages, to the writing of the code, testing, building, and deploying the application to production.
- Involved in the development of many Laravel-based and Drupal-based consumer websites including the company website [wps-inc.com](http://wps-inc.com) and many other house-brands like [flyracing.com](http://flyracing.com). These projects involved the direct use of VueJS JavaScript, Sass/CSS, MySQL, Node.js, and Laravel framework using VSCode and/or PhpStorm IDE's.

- Chief architect of a very robust CI/CD pipeline which includes housing code in GitHub with webhooks that launch processes on Jenkins and CircleCI. Pieces of the stack were managed using Docker containers and deployed to various environments (dev, staging, QA, prod, etc.).
- Attended the week-long AWS Re:Invent conference in Las Vegas in 2014 and 2015.

**Examples of work:** [FlyRacing.com](http://FlyRacing.com) : [Highway21.com](http://Highway21.com) : [ShinkoTireUSA.com](http://ShinkoTireUSA.com) : [GMAXHelmet.com](http://GMAXHelmet.com) : [WPS-Inc.com](http://WPS-Inc.com) : [Triple9Optics.com](http://Triple9Optics.com) : [SedonaTires.com](http://SedonaTires.com) : [WPSOrders.com](http://WPSOrders.com)

***Consultant/Contractor Developer                      Self-Employed                      [2003-Present]***

Developed several dynamic sites built and validated in accordance with current web standards. Skilled in procedural and object-oriented programming concepts.

**Examples of work:** [SilveradoSierra.com](http://SilveradoSierra.com) (*Sold in 2011*) [AstroSafari.com](http://AstroSafari.com) (*Sold in 2013*)  
[ManageMove.com](http://ManageMove.com) [1Dash.com](http://1Dash.com) [RicoConsign.com](http://RicoConsign.com)

**Languages:** HTML5/XHTML, PHP/MySQL, CSS, Sass, Less, JQuery/JQMobile/Vue.js/React.js/JavaScript

**MVC Frameworks:** Zend Framework, CakePHP, CodeIgniter, Laravel

**Software/CMS/E-Commerce:** Drupal, phpBB, Magento, Wordpress, ZenCart