




**Zach
Marschik
Front-End
Developer**

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**Personal
Statement**

I am a Front-End Developer with a strong GIS background. My skills are well-rounded, and I have worked on a variety of different types of projects. I aim to find a position where: my skillset can be properly utilized, I can be challenged, and I can continue to learn and grow.

Skills

Client-Side

- Experience using **HTML5/CSS3** and **Bootstrap** to build well-designed, responsive web pages.
- Basic experience using **jQuery** for event handling, manipulation, and animation.
- Working knowledge of **JavaScript**. Understand skills such as scope, closures, inheritance, etc.
- Experience with image editing software such as **Adobe Photoshop CS6** and **Corel Draw**.
- Growing knowledge of various JavaScript libraries & tools. **React.js**, **babel**, **D3.js**, **JSX**, **ES6**, etc.
- Part of team to ensure web accessibility, meeting W3C standards as best as possible.

Server-Side

- Experience with **Oracle PL/SQL**. Creating packages, triggers, auditing. Create jobs using shell scripts.
- Have used **PHP** (Mojavi MVC) to create web applications, using OOP.
- Experience with **command line**, **node.js**, **npm**. Intro knowledge of **MongoDB**.
- Used **python** scripts to automate various processes, specifically using arcpy library.
- Version control. Used **Subversion**. Knowledge of **Git** and Branching/Merging, Diff, Rebase, etc.

GIS

- Experienced working with and being an administrator of the **ArcGIS** software package.
- Regularly used extensions including: **3D**, **Geostatistical**, **Network**, **Spatial**, **Tracking**.
- Experience with **geodatabases**, database **versioning**, and **ArcSDE**.

Experience

03/16 – present

Oklahoma State University (Software Services) – Stillwater, OK

Jr. Application Developer

- Create PL/SQL packages; create processes using shell scripts.
- Create web applications using PHP; maintain software download center.
- Work with Ellucian products: DegreeWorks scribe, Banner, FormFusion, etc.

04/15 – 03/16

Devon Energy – Oklahoma City, OK

GIS Contractor

- Create maps for various groups within Devon including Marketing, EHS, and Engineering.
- Use Facility Manager to upload lines into the PODS database and to manage pipeline data.
- Create python scripts to automate data import and processing tasks.

05/14 – 03/15

Samson Resources – Tulsa, OK

GIS Analyst

- Used Network Analyst (Vehicle Routing) to create least-cost routes for pumpers.
- Created and maintained map books using data-driven pages.
- Submitted necessary spatial data to regulatory agencies: OneCall, TRRC, NDIC, etc.

Education

09/15 – 11/15

OK Coders Web Development Bootcamp – Oklahoma City, OK

Certificate in Full-Stack Web Development

- Skills covered: HTML5/CSS3, JavaScript, jQuery, Node.js, Express, ejs, MongoDB, Mongoose.
- Essentials: Functions, Scope, Data Structures, Routing, Rendering and Templates, MVC.

Oklahoma State University- Stillwater, OK

08/09 – 05/14

B.S. Geography, GIS Certification

- Acquired strong GIS knowledge from classes: GIS Programming, Database Management, Spatial Analysis, Socio-Economic GIS, Natural Resource GIS, Geodata Collection, and Cartography.
- President of Geography Club.