

Michael Nelson

Software Engineer
McKinney, TX

me@michaelwnelson.com
<http://www.michaelwnelson.com>
<http://github.com/michaelwnelson>

Employment

USAA

Lead Software Engineer
Senior Software Engineer
Software Engineer

Plano, TX
Mar 2020 — Present
Dec 2018 — Mar 2020
Sep 2017 — Dec 2018

- Portfolio System Engineer, responsible for architectural decisions to implement business vision and provide technical guidance to execution teams for feature implementation
- Former Tech Lead, subject matter expert on multiple applications responsible for feature delivery, ensuring best practices, and mentoring colleagues
- Developed responsive web applications using React, Redux, Jest, Selenium, Cypress supported by Experience APIs developed with Spring Boot
- Saved development and testing time by developing an internal Chrome extension to automate test user authentication and environment routing

Investnet

Senior Software Engineer
Software Engineer

Plano, TX
Jan 2017 — Sep 2017
Oct 2014 — Dec 2016

- Principal developer for migrating Placemark's platform to Investnet through a new account trading and review web application in AngularJS
- Tech Lead for the new trading interface in React to replace the Legacy GWT UI

Placemark Investments

Software Engineer
Placemark Investments was acquired by Investnet

Addison, TX
Jul 2013 — Sep 2014

- Developed proprietary web applications for financial advisors and lead team with best practices in user interface and git workflows
- Developed internal trading applications with Tcl/Tk
- Developed, as a side project, a Pivotal Tracker API wrapper in Python to automate project management
- Developed, as a side project, a custom dashboard to display server statuses from Nagios' API

Vertical Nerve

Junior Web Developer

Dallas, TX
Sep 2012 — Jun 2013

- Developed responsive websites with a proprietary CMS with the Zend Framework
- Lead transition from proprietary CMS to Drupal
- Monitored support system and resolved support tickets for production websites
- Developed dashboards rendering live data from Google Analytics and Facebook

University of North Texas System
Web Developer

Denton, TX
Apr 2012 — Sep 2012

- Developed UNT’s Information Technology Shared Services (ITSS) website in Drupal 7
- Managed roles and access at a highly granulated level utilizing Workbench Access and implemented a workflow for posting and approving content
- Extended UNT’s Drupal theme and modified for ITSS branding
- Performed Drupal training for UNT employees
- Migrated websites and data from Drupal 6 to Drupal 7 for ITSS departments

Roobix, LLC
Web Developer (Remote Contractor)

Arlington, TX
Dec 2010 — Sep 2012

- Contract to develop features for Service King website
- Developed a user rating workflow process for users
- Developed custom HTML, CSS, PHP, and jQuery
- Constructed and parsed SQL, XML, RSS
- Utilized SOAP protocol in PHP for web services
- Integrated Facebook API allows users to share a review

University of North Texas
Web Developer

Denton, TX
Feb 2008 — Apr 2012

- Revamped and maintained sixteen UNT department websites
- Developed custom HTML, CSS, and graphics
- Implemented Drupal for efficient management of content and users
- Performed Drupal training for department managers to empower them to customize and maintain their content

Education

University of North Texas
B.A., Information Technology

Denton, TX
2007 — 2012

Skills

Languages: JavaScript, Java, Python, Bash

Frameworks, Libraries & Tools: React, Redux, Webpack, Sass, Jest, Mocha, Chai, Selenium, Cypress

Other: Linux, Git, JIRA, JSON, CSS, HTML

Awards and Honors

OOSA Award

Feb 2018

USAA

- Awarded quarterly to developers who promote an innovative culture

ABCD Award

Dec 2013

Placemark Investments

- Awarded annually to an employee that went Above and Beyond the Call of Duty

Open Source Projects

labor-notifier: This is a simple Twilio application that will automatically text persons who have elected to be notified when your child is born preventing you from manually notifying friends and family, giving you time back to focus on your newborn.

<https://github.com/michaelwnelson/labor-notifier>

reddit-modqueue-discord: This is a simple bot that will authenticate to a given reddit account, pull reports from a given subreddit, and post the new reports to your Discord.

<https://github.com/michaelwnelson/reddit-modqueue-discord>

pytracker: This is a project I forked and updated to automate **Placemark Investment's** Pivotal Tracker processes. It's a simple Python API that wraps the Pivotal Tracker REST APIs.

<https://github.com/michaelwnelson/pytracker>

fcdallas-css: I created this project to provide a custom stylesheet for the FC Dallas subreddit.

<https://github.com/michaelwnelson/fcdallas-css>

<http://reddit.com/r/fcdallas>

mls-standings-scrapers: I created this project, similar to **fcdallas-css** above, to provide a Markdown table of the MLS standings for the FC Dallas subreddit sidebar.

<https://github.com/michaelwnelson/mls-standings-scrapers>

angularjs-dropdown-multiselect: Contributor.

<https://github.com/myforce/angularjs-dropdown-multiselect>

react-tabs: Contributor.

<https://github.com/reactjs/react-tabs>