

SCOTT WILLIAMS

1777 E. Waterford Ct. #713, Akron, OH 44313 | C: 3309629645 | scott.williams.dev@gmail.com

Software Engineer

Solution-oriented leader valued for a fervent desire to produce elegant, robust, extensible, heavily tested, efficient, and proven applications. My focus is on system efficiency through scalable and maintainable code with great attention to detail and an “it’s not done until it’s tested” mindset. I am highly focused on bringing solutions to the customer with a soaring level of confidence in its efficacy and instilling this mindset in the team members surrounding me.

Education

The University of Akron, *Akron, Ohio*

Bachelor of Science: Computer Science, Management Track

May 2016

GPA 3.5/4.0 - Cum Laude

Technical Skills

- Core Competencies:
 - Javascript/HTML/CSS, C# - .NET Core, NodeJS, Unit Testing (Jasmine/Karma), APIs
 - Frameworks:
 - Frontend: Angular, React, Backbone
 - Backend: ASP.NET Core, Entity Framework Core, Express
- Other Relevant Skills (in order of experience level): REST, Typescript, Java, SQL, Protractor, Docker, Kubernetes, SCSS, SQLServer, Fluent Migrations, IIS, iOS(Swift)

Experience

Software Engineer, Macy's Inc.

June 2016 - April 2018

Lorain, Ohio

- Created performant BackboneJS components in a platform-independent website, created to replace the existing Point of Sales C++ Legacy solution
- Assembled RESTful NodeJS services to provide simple and elegant interfacing to existing backend microservices
- Enhanced evolving native iOS and C# applications with great attention to object-oriented design
- Updated Java microservices to meet future application needs
- Monitored application state during and after production deploys
- Generated and ensured successful deployment of iOS application into retail stores
- Troubleshoot/Patched issues brought up by Business Partners and Product Managers

Teach Tech, The Coding Boot Camp @ Case Western Reserve University

September 2017 - April 2018

Cleveland, Ohio

- Assisted students in understanding and implementing key concepts from the course curriculum
- Provided design and implementation feedback while grading coding assignments
- Some of the technologies taught include:
 - Javascript, CSS, HTML, NodeJS, ReactJS, MongoDB, MySQL, jQuery, HandlebarsJS

Software Engineer, Kalibrate

April 2018 - present

Cleveland, Ohio

- Working with multiple technologies to break out a monolith application into microservices using the strangler pattern

- Some of the key practices focused on: working to instill a DevOps culture, building truly RESTful microservices in a decoupled architecture, building “12 Factor Apps”, and wrapping tests around legacy code
- Developed highly efficient, heavily tested .NET Core Web APIs to wrap logical business domains
 - Entity Framework Core, Fluent (code-first) Migrations, JSON API Spec
- Created greenfield Angular(7) application and all of its necessary tooling
- Built entire Jenkins pipeline (using Docker containers) to: run unit tests, create production builds, push builds to Nexus repository, install production builds into integration environment for fast feedback, and run End to End(E2E) Protractor tests against the newly deployed code
 - Wrote the same process to test/build/deploy .NET Core Web API project to IIS (sans protractor tests)
 - Designed and integrated CucumberJS into Protractor code so the Product Owner could have transparency into the business objectives being tested by the E2E tests
- Wrote Selenium/Cucumber tests in Java for legacy AngularJS application
- Interview potential new team members
- Switched to another team to push a high priority project to its first production deploy
 - Provided “fresh eyes” insight which led to great simplification in the “regression heavy” UI application
- Share my knowledge of unit testing Angular applications with my team and instilled a passion in my teammates for UI testing as well as mentoring others to produce high quality tests in every code submission

Volunteer Experience

Teacher, TEALSK12 (Microsoft Philanthropies) @ New Tech East High School November 2018 - present
Cleveland, Ohio

- Lead instructional staff (high school teacher and one other “TA” volunteer) in presenting of material relevant to grasp computer science concepts for high school freshmen 3 days/week
- Assist debugging of Python and Snap! programming assignments
- Created assignments with unit tests for submission of Python assignments