

# THOMAS MONCK

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To leverage my curiosity and talent for figuring things out to help develop robust and well-written software as both a software test engineer and developer.

## EXPERIENCE

**AUG 2017 – PRESENT**

**SR SOFTWARE ENGINEER, DUDESOLUTIONS INC**

- Helped implement and test company's Identity Access Management system.
- Helped with migration to AWS.
  - Cognito
  - Lambda
  - EKS
  - Api gateway
- Setup docker for several applications developers used daily.
- Worked with Openshift 4

While at Dude solutions I participated in the design, implementation, and testing of the single sign on platform. We used Identity Server 4, .NET Core 2, Couchbase DB, Vue JS, and NodeJS for automated tests. We also migrated to AWS Cognito. During the migration we started writing backend services using TypeScript and running them in either Lambda, API Gateway, or EKS We use Jira for story and bug tracking. I helped setup docker applications for our .NET Core projects and our JS projects. I maintained and implemented a JS library to support other products during automated testing. I wrote a laptop setup script to ensure developers had the same setup during onboarding. I moved several of the 3rd party applications we relied upon into docker containers to reduce resource consumption on developer machines.

**FEB 2016 – AUG 2017**

**SR QA AUTOMATION ENGINEER, XTIME INC (MOVED UNDER XTIME BY COX AUTOMOTIVE)**

- Focus was on testing an inspection tool for automotive dealerships.
- Assisted in implementation and testing of integration services to get data from 3<sup>rd</sup> parties.
- Maintained automated tests and framework.

At Xtime I worked on the inspection tool which enabled automotive techs to remain productive. I wrote and maintained the automated tests for the product. I re-wrote the tests and framework in Java after transition to Xtime from Dealertrack. I participated in design and implementation of integration tools that enabled the transition of data from DMS (Dealer Management System) into our product. I participated in debugging issues raise by clients to ensure resolution.

**JULY 2014 – FEB 2016**

## **SR QA AUTOMATION ENGINEER, DEALERTACK LLC (ACQUIRED BY COX AUTOMOTIVE)**

- Wrote automated tests in multiple languages and implemenations.
- Assisted in implementation and testing of integration services.

I re-wrote the automated tests from C# to python 2.7 after starting at Dealertrack. We also wrote the tests using Robot Framework. We moved away from Robot to an internal python 3 framework other teams had been building out. I helped more tightly integrate to the DealerTrack DMS while maintaining the existing integrations. We used Saucelabs to ensure browser compatibility testing was performed prior to each release. Used Jenkins to automatically execute regression and smoke tests during sprint and release cycles.

**AUG 2011 – JULY 2014**

## **QA ANALYST, ASR PRO LLC (ACQUIRE BY DEALERTRACK)**

- Assisted in implementation of new clients.
- Assisted in Tier 3 support for all clients.
- Assisted in development of the application.
- Designed, implemented, and maintained automated testing framework.

I wore many hats during my tenure with ASR Pro. I started in support and quickly moved to QA. I wrote a windows form application to assist the developers with running the automated ui tests to ensure basic functionality wasn't broken. I continued to work in support as well as assist with the implementation of our product. I acted as Business Analyst while we were designing, developing, and implementing our parts module into the product. I worked closely with development team to ensure all requirements were meant and that we delivered the product with minimal bugs.

## **SKILLS**

- C#
- Javascript
- Python
- Selenium
- Docker
- Solving complex problems in code

## **ACTIVITIES**

I am a member of the Knights of Columbus which is a fraternal benefits organization of Catholic males. I am currently the financial secretary for my council in Wendell, NC. We raise money to support special education classrooms in the local area as well as the special Olympics of NC. My most recent passion has been to utilize my coding skills to automate my home to make my life easier at home.