**David Turner**

**Senior Full Stack Web Developer**

**Email:** Dturner2341@gmail.com

**Profile Site:** [**itturner.com**](http://www.itturner.com/)

**Phone: +**1 (215) 495-7984

**Education:** BS, Computer Science

**Residence: Orlando, FL**

**Last Updated:** November 20th, 2019

**Willing to relocate: No**

**Contract Types:** C2C or W2

**SUMMARY**

Full stack web developer with 6+ years of experience, served at top companies such as Booz Allen Hamilton, Astrazeneca, and ARI. Currently Certified as an Agile Certified Practitioner and AWS Practitioner.

**COMPETENCIES**

|  |  |
| --- | --- |
| * Software Development (6+ yrs) | * Quality Assurance Testing (2 yr) |
| * Database Design and Development (6+ yrs) * Agile Development (3+ yrs) | * Web Development (5+ yrs) * Agile Coaching (2+ yrs) |

**SUMMARY OF SKILLS, TOOLS, AND TECHNOLOGIES:**

**Programming Languages:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| * C# (6 yrs) * MongoDB(3 yrs) * React (2 yrs) * VB.NET (4 yrs) * ASP.NET (5 yrs) * SQL (4 yrs), | * JS (6 yrs) * JQuery (5 yrs) * JAVA(4 yrs) * Angular Js (2 yr) * Kubernetes (1 yr) * TypeScript (2 yr) | * Python(2 yrs) * XML (4 yrs) * Objective C (2 yr) | * Oracle DB (4 yr) * Restful Services (5 yr) * JSON (5 yr) * Microservices (4 yrs) * AWS (3yrs) |  |  |

**Frameworks:** .NET, Core JAVA

**Software/COTS:** Jira, team city, PSQL developer, VS code, Version 1, TFS, GIT, Bit Bucket, N-unit, Q-unit, Test Track Pro, Telelogic DOORS, IBM Rational, etc.

**PROFESSIONAL EXPERIENCE:**

**PRA 10/2018 - Present**

**Senior Application Developer**

* Write and maintain .NET core(C#)/Node.js Typescript processes that monitor debtor information intake and storing. Using microservices architecture deployed to AWS and Kubernetes.
* Responsible for implementing updates to the Bureaus application written in C#.
* Maintain and update Discovery card’s (Synchrony) debt collection SQL server database
* Monitor and remedy down services to ensure twenty-four hour debt collection automation coverage.

**Technologies used**: SQL server, C#, Kubernetes, AWS, TFS, Samanage, Node.js, MOQ, mocha

**Booz Allen Hamilton 07/2015 – 10/2018**

**Software Developer Consultant**

**Automotive Rentals Inc – Web Developer**

* + Developed over 5 APIs to service [LYFT](https://www.lyft.com/)’s (client) fleet needs.
    - Lyft vehicle information - ASP.NET, C#
    - Lyft & National Interstate Performance Based Insurance - Node.js
    - Lyft project maintenance - .NETCore C#
    - Lyft Billing - .NETCore C#
    - Fleeting Portal - Ruby on rails/ Node.js Typescript
  + Served as a client liaison, gathering needs then analyzing ARI’s data warehouse schema to push the desired information to the client.
  + Designed and implemented the performance-based insurance API using data to analyze a vehicles activity in real time: speeding, idling, ect. to rate an insuree and provide maintenance interval projections for vehicles.
  + Implemented Holman Strategic Ventures’, a child company of ARI, online dealer fleet management system. Creating user portals and car tracking user interfaces using .NET core along with PostgresDB.
  + Developed applications using microservices architecture.
  + Data Stores used: MongoDB, PostgresDB, Oracle DB

**Technologies Used**: PostgresDB, C#, .NET 4.5+, .NET core, Node.js, react, oracle, MongoDB, redis, mocha, TFS, git

**Department OF Treasury – Web Developer** [**USASPending.gov**](https://www.usaspending.gov/)

* + Developed the federal contracts spending graph featured on the d3.js’ examples using D3.js, reactJS, Node.js, and Redux ([https://datalab.usASPending.gov/contract-explorer.html](https://datalab.usaspending.gov/contract-explorer.html)).
  + Made updates to USASPending.gov - Node.js, react, JS, GIT
  + Configured the continuous integration environment - GIT, Jenkins, AWS
  + Aggregated Data using MongoDB for usASPending.gov and PostgresDB for the daughter site datalab.
  + Developed new features and provided Agile coaching, organizing sprints while implementing team changes to help the team maximize the benefits of working agilely.

**Technologies Used:** Node.js, ruby on rails, PostgresDB, React, Redux, sCSS, docker, Jenkins, Github, continuous integration, AWS, microservices architecture.

**Department Of Labor – Office of Chief Information Officer (OCIO) developer**

* + Researched and chose the technologies to begin web front end development. (Angular Js, JAVA restful services, Oracle DB, Jersey, CSS, JQuery, HTML 5, SVN, Team City, Jira)
  + Designed prototype site that interfaced with a snapshot of the SQL Server 2012 database migrated to an Oracle DB and was approved by the CIO to finish the site for OCIO use as part of a contract proposal.
  + Migrated the Business & Operations Support System (B.O.S.S) Access database and Access front end to SQL Server 2012 using: Access, SQL Server management 2014, and SQL. B.O.S.S is an in-house data store that tracks OCIO’s budgeted contract spending, credit card expenditures, reconciliations, planned actions, etc..
  + Changed the database design (tables, triggers, dependencies, identifiers, views, queries, stored procedures) to match enterprise industry standards (using SQL scripting) to prepare the database for the new web front end, and greater client use/dependency.
  + Reorganized the team to practice agile scrum methodologies to better serve the client (Trello Kanban, daily standups, named a product owner, planning poker, point definitions).
  + Made updates to the Access database frontend to client specifications (VBA).

**Technologies and techniques used:** Access DB, SQL, angular, JAVA, github, VBA, CSS, Node.js

**General Services Administration (GSA) – Electronic Capital Planning & Investment Control (eCPIC) Full Stack Web Developer**

* + Served as a staff .NET developer to eCPIC
  + Took on and completed an average of 40 development story points for every two week sprint includes:
    - bug fixes - C#, Oracle, ASP.NET, Unit testing, NUnit
    - Adding functionality
    - UI updates - Terelik grids, JS, JSON, CSS
  + Used agile scrum methodologies on the project and obtained an Agile Certified Professional certification while on the project.
  + Developed custom controls following model view presentation (MVP) coding methodology.
  + Added parameter driven investment portfolio creation to eCPIC’s portfolio module. Allowing users to enter multiple attributes in an investment and generate an investment portfolio based on the attributes entered. (HMTL5, JS, Terelik grids, Jquery, Oracle DB, SQL, VB.NET)
  + Re-created eCPIC’s investment template page making navigation intuitive with reduction of loading screens. The new page was used as an example in a proposal for a contract extension.
  + During the team’s transition to practicing test driven development (TDD), I wrote a manual for the team to set standards of procedure for using TDD, and change coding practices.
  + Fixed production defects.
  + Wrote an API for the client’s web services to update and pull information using VB.NET, XML, and SOAP UI.

**Technologies used:** VB.NET, C#, JAVAScript, Jquery, Telerik, Oracle, Jquery, HTML5, ASP.NET 4.5, Infragistics, SVN, Team City, and Axosoft (similar to JIRA), Visual Studio 2015, XML, Json, SOAP UI, CSS, NUnit, J Unit.

**Medimmune 08/2014 – 07/2015**

**Jr. .NET Developer**

* Wrote service applications to watch, read, decode, and store the data output of four laboratory machines. (C#, Wire shark, Python)
* Created a Windows form application that generates and stores reports for FDA submission based on stored information. Wrote timers allowing scientist to setup an experiment and run it automatically. The application acted as a result monitor taking measurements at user set intervals, and storing the information to the designated experiment numbers. (C#, SQL, XML)
* Set up SQL Server 2008 on local server and created schema to store the experiment information. (SQL Server Management Studio, SQL, SQL Server 2008)
* Hired by a team of scientists to create an application the EZ-Writer used electronically track and document scientist’s experiment results, and automatically generate documentation based on the results.
* Used RS-232 and RS-422 cables to connect laboratory machines to computers to read data output.
* Wrote scripts to take any Microsoft Excel stored test results and upload them to the database. (Python)
* Created a Web front end UI with the same functionality as the windows form application. (C#. ASP.NET, JS, XML, JSON, CSS)

**Technologies Used**: C#, ASP.NET, SQL Server 2008, Python, Excel, XML

**Innovative Solutions & Support 07/2013 – 08/2014 Software Analyst/App Developer**

Developer (8 months)

* Developed production code for the wheels and tires modules of both the Eclipse 2.7 and Pilatus PC-24 airplanes (Objective C, Open GL)
* Used lived debugging methods on airplane display microchip boards to pinpoint in code where a software problem issue stemmed, using RS-232/422 cables, and Code Warrior.
* Updated the existing Telelogic DOORS rational scripts to be tailored to the new PC-24 project.
* Created Excel macros to generate signal map spreadsheets based on changes in the TCP IP package sent around the display boards. (VBA)

Analyst (4-5 Months)

* Served as a QA Tester for the Eclipse 2.7 airplane running black box tests using in house software connected by live debugger to boards using RS-232/422.
* Ran white box tests against production code (Objective C).
* Wrote Telelogic DOORS scripts to automate some updating of the requirements modules.
* Found and reported software issues using Test Track.
* Burned production code onto test boards to prepare for testing. (Code Warrior)
* Promoted to manage a team of six QA testers while still testing. Also kept track of testing progress in shared Excel reports with macros used to update and give live completion status to upper management.

**Technologies Used:** Objective-C, open GL, VBA, VB.net, C#, Doors telelogic, code warrior, work bench, Python

**EDUCATION/CERTIFICATIONS:**

* Bachelor’s of Computer Science – Roosevelt University, Chicago, IL
* Project Management Institute – Agile Certified Practitioner
* ICAgile Certified Professional
* Soft ED Agile Programming Techniques
* Linux Academy AWS Practitioner