Trevor Tiernan

Senior Software Engineer

Experience

Legitscript, *Senior Software Engineer*, Remote, 12/01/2022-Current
- Built MUI front ends in React
- Improved company's assistants using OpenAI SDK
- Added DynamoDB tables to support new features
- Maintained web crawler code (Puppeteer)

Legitscript, *Software Engineer II*, Portland, 07/27/2020-11/30/2022
- Tested with BDD in Jasmine
- Developed Typescript Lambdas on AWS
- Wrote automated jobs using SOLID principles
- Wrote tickets (Stories and Epics)
- Hosted testing methodology meetings
- Guided team members to higher code quality
- Performed Tech Requests (Production Support)
- Analyzed production data for severity assessments (Production Support)
- Researched root causes of production irregularities (Production Support)
- Diagramed architectural designs
- Improved Infrastructure as Code (IAC) configurations for cross region deploys
- Developed Angular features with NGRX/RxJS

KinderCare, *Full Stack Developer*, Portland, 11/13/2017-07/17/2020
- Developed and refactored customer facing Angular 2+ web pages
- Wrote Jasmine tests
- Developed a WebForms feature using Test Driven Development
- Developed features and bug fixes for Center Management System
- Created Web API end points
- Maintained customer facing WebForms applications
- Modified T-SQL stored procedures
- Wrote TSQLT tests for Stored Procedures
- Wrote .Net core based Selenium Webdriver test suite
- Converted stored procedures to Entity Framework

Finastra, *Associate Software Engineer*, Portland, 7/18/2016-11/08/2017
- Created micro-service controllers and routes
- Wrote an azure function to perform automated API calls
- Created T-SQL scripts for adding and modifying db tables
- Wrote automated tests for multiple system components using NUnit, Moq, and remote API calls
- Version controlled, compiled, and deployed with VSTS and Git
- Created a UI for demonstrating updates of our team's backend data project.
  This included reflection for updating to the latest data model automatically.
- Containerized legacy software into Docker for Windows
- Developed UIs with Angular
- Cross functional team member on multiple C# projects

Intel, *Software Engineer: Test Development I*, Hillsboro, 4/25/2016-7/15/2016
- Diagnosed hardware issues
- Prepared and scheduled Automated tests
- Reported on Automated test results

Serena Software, *QA Contractor*, Hillsboro, 10/27/15-4/22/2016
- Developed Selenium Webdriver Automated Web Tests
- Automated Desktop UI tests using Ranorex
- Validated SQL schema for QA tests
- Created and tested Process Management workflows
- Extensive testing of reverse proxy product configuration.
- Wrote test cases
- Performed sanity and regression tests

Certifications

Education

B.S. Computer Science, *Portland State University*, Portland, 8/24/2015

Development Skills

- Test Driven Development (TDD)
- Functional Programming
- SOLID Methodology
- React
- CI/CD Pipelines
- Containerization (Docker)
- Behavior Driven Development (BDD)
- REST development
- Web UI testing (Selenium Webdriver)
- Web Forms
- NoSQL
- Desktop UI testing (Ranorex)
- Git
- Code reviews

Interests

Home Automation
- automated lighting
- climate control
- security systems

Technical Reading
- Metaprogramming in .NET
- Clean Code
- The Pragmatic Programmer
- The Mythical Man Month
- The 7 Habits of Highly Effective People
- Test Driven Development by Kent Beck