Todd Clarkston

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FRAMEWORKS

Angular 2 - 14+	5 years
React	2 years
.NET	20 years
.NET Core 2-7	6 years
RESTful ASP.NET MVC/Web API	12 years
Django	2 years

Summary

Having worked as a consultant for 15 years, I have architected, designed, and developed numerous enterprise projects resulting in stable, powerful, and user-friendly web applications in a wide variety of industries. I have been working with Microsoft tech stacks since ASP 3.0 and VB6 in 1999, and recently through .NET Core 7. 7 years ago, I started working with JavaScript frameworks for front end applications starting with AngularJS and working with 2-14 and React.

Work History

WireServers Denver/Highlands Ranch, CO	CEO/Freelancer June 2009 - Present

⚙️ Owner/Architect/Team Lead/Sr. Developer.

⚙️ Full Stack development using ASP.NET/MVC/Core/WebAPI, Xamarin Forms, C#, WPF, SQL, MySQL, PostgreSQL, DynamoDB, Angular, React, Knockout, API, RabbitMQ, Python, Django, Flask, AWS

⚙️ Web API, AWS API Gateway, RESTful services, SOA, and Microservices.

⚙️ 6 years of Azure DevOps using Repos, developing complete CI/CD Pipelines, and TFS ticket management.

⚙️ 6 years of Azure VMs, Azure SQL, App Services, Virtual Networks, Functions, API Management, Active Directory, and more.

⚙️ Managing Aws DevOps, including Lambda, CloudFormation, S3, EC2, Incognito, Route53, and many more.

⚙️ Application support. Proof of concepts.

⚙️ Participate in cross-team collaboration.

⚙️ Docker image and container management.

⚙️ Security and risk mitigation, OWASP Top 10 Mitigation

⚙️ Provide support to junior/mid developers.

⚙️ Query and DB Design using LINQ, Entity Framework, Dapper, and Entity Framework

LANGUAGES

JavaScript/HTML/CSS	20 years
C#	20 years
Python	2 years
WPF/XAML	8 years

TECHNOLOGY

OS X, Windows, Linux
Azure DevOps CI/CD
VS Code, Visual Studio
RxJs, NgRx, Redux
SQL, MongoDB, Firebase, MySQL, PostgreSQL, Entity Framework
D3.js, Charts.js, Nivo.rocks
Azure VMs, Azure SQL, App Services, Virtual Networks, Functions, API Management, Active Directory
AWS Lambda, API Gateway, S3, EC2, Incognito, DynamoDB, Route53, CloudFormation
Postman, Charles
OWASP, Pen Testing, Fortify, SOC2, HIPAA
Stripe, Twilio, AngularFire, Mailchimp, Klavyo, Exwid, GeoCache
UI/UX Responsive, Accessibility, Wireframes

WireServers is a web development firm owned by me that I use to handle my freelance work and new client development. I have a team of 4 developers that handle front-end and back-end development.

GuestsWanted.com

GuestsWanted.com is a large-scale vacation rental website. It would provide users with the ability to search for vacation rental properties in any country. The application featured a large amount of jQuery, mapping and location functionality, and a large property and user management system. This project was featured on Wheel of Fortune in January 2011.

Full-Stack Engineer, Solutions Architect, Tech Lead, C#, SQL, ASP.NET, Entity Framework.

eLivelihood Dashboard.

Oversaw all new development and maintenance to complete the dashboard for managing & organizing care for families.

DevOps Engineer, Full-Stack Engineer, Tech Lead, Angular, Firebase, Ionic.

swoovy.com Application

Help with development and deployment of the application.

Full-Stack Engineer, Project Manager, Python, React Native, Django, PostgreSQL

sentandsecure.com

I oversaw new development and maintenance for the end-to-end encryption desktop application.

Full-Stack Engineer, Tech Lead, SQL, APIs, Xamarin, WPF, Entity Framework, XAML

fitnessoneapp.com

My team oversaw all the frontend development, UX responsiveness, API calls, and data store management with NgRx Store.

Frontend Engineer, Tech Lead, UI/UX Designer, TypeScript, Angular, SCSS, Material Design, NgRx, Responsive Design.

bionatal.co

I was hired to build an API that bridges calls to Ecwid shopping cart API and hooks to cart events. Then those hooks are transformed and then call out to

Klavyo marketing campaigns to process emails based on what users did in the cart.

burstiq.com

I was in charge of taking database calls and outputting them to a react project that used this data heavily for charting information with nivo.rocks charts.

Frontend Engineer, React, Redux

Technology	*Angular 2 - 14, Ionic, RxJs, NgRx, React, Redux, CSS/SCSS/HTML5, Django, Python, WPF/XAML/XAMARIN, Web API, Entity Framework, Identity Framework, Azure DevOps CI/CD, AWS Lambda, API Gateway, S3, EC2, Incognito, DynamoDB, Route53, CloudFormation, SQL, MySQL, PostgreSQL*

WellDyneRX Centennial, CO	*Sr. Software Developer* *May 2018 – July 2019*

⚙ Application support for all applications used in the organization.

⚙ Architecture. Creating proof of concepts.

⚙ Participate in cross-team collaboration.

⚙ Docker image and container management.

⚙ Security and risk mitigation. HIPAA, SOC2

⚙ Provide support to junior/mid developers.

⚙ Query and DB support using SQL Scripts, LINQ, and Entity Framework

⚙ Develop power shell scripts for use in deployments.

WellDyneRX is one of the nation's top Pharmacy Benefit Managers (PBMs). They specialize in high-capacity prescription mail order services and retail pharmacy management. The prescription mail ordering services currently process 15 million orders a year.

Technology	*MVC/C#, ASP.NET Web API (RESTful), Knockout.js, Enterprise Library, jQuery, Twitter Bootstrap 4, SQL, RabbitMQ, Azure DevOps CI/CD pipelines*

Federal Reserve Bank of Kansas City Denver, CO	**Senior Software Engineer, Lead, Architect** July 2014 – April 2018

⚙ **Architect**
- Evaluate and provide direction for Security.
- Coordinate between districts on getting security, quality, and usability approvals from oversight departments.
- Created and maintained coding standards for the development team.
- Evaluated external vendor software.
- Provide support to the development team when necessary.

⚙ **Lead developer**
- Team lead of 4 developers, 1 SQA, and 1 DBA.
- Provide mentoring and support for jr/mid/sr team members.
- Coordinate with other leads, project managers, and business analysts
- Manage the development work and performance within the team.
- Peer-reviews.
- Run development meetings.
- Maintain code quality.
- Collaborate with Dev Ops and other technical teams through the system.

⚙ **Sr. Software Engineer**
- Full-stack development.
- Designed tables and stored procs in SQL.
- Created technical documents for knowledge transfer of undocumented legacy products and processes.

FRB is considered the bank of banks. They are responsible for controlling the nation's monetary policy, supervising and regulating banks, and maintaining financial system stability of the United States. The KC branch employs 11,000 people across 4 banks.

Technology	*MVC/C# 5.0, Angular 2-5, ASP.NET Core Web API (RESTful), Enterprise Library, Entity Framework, Typescript, Knockout.js, jQuery, OO JavaScript, Bootstrap*

Pensco Trust Denver, CO	**Web Developer III** February 2013 – December 2013

⚙ Full stack development.

⚙ DB table design, stored procs, and REST services.

✪ SCRUM facilitator.

✪ Lead developer. Mentored mid/senior developers.

✪ Creating proof of concepts.

✪ Architecture.

Pensco is a trust fund company that targets the alternative asset market. They were one of the pioneers and are now one of the leaders of this type of investment.

Client/Advisor Application – This application is a Single-Page App, RESTful Service application that provides clients and advisors with the ability to manage these accounts. It provides a dashboard for users to view asset allocations, account types, transactions, account activity, and manage alerts.

Technology	*MVC/C# 4.0, ASP.NET Web API (RESTful), Ninject, Oracle 10g, Enterprise Library, Dapper, jQuery, OO JavaScript, mustache.js, Twitter Bootstrap 3, pubsub.js, require.js, and underscore.js.*

Complete Resume Available at https://toddclarkston.me

EDUCATION AND CERTIFICATIONS

Microsoft® Certified Technology Specialist: .NET Framework 4, Web Applications
Microsoft Certified Professional
ScrumAlliance Certified ScrumMaster®

Metropolitan State University of Denver, Denver, CO
Bachelor of Science, CIS in progress
Junior. Expected graduation date: 05/2025