Todd Clarkston

Highlands Ranch, CO 80130

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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 ReactJS.

Skills	Level	Experience
ASP.NET Forms/MVC/Web API	Advanced	18 Years
.NET Core 2-7	Advanced	8 Years
C#	Advanced/Expert	18 Years
AngularJS/2+	Advanced	6 Years
TypeScript	Intermediate	8 Years
Azure, VSTS, DevOps, CI/CD	Intermediate	9 Years
AWS Lambda/API/EC2/S3	Intermediate	2 Years
LINQ/Entity Framework/Dapper	Intermediate	12 Years
SQL/MySQL/Oracle/PostgreSQL	Intermediate	18 Years

PROFESSIONAL HIGHLIGHTS

WireServers LLC. – Highlands Ranch, CO, 2009 – Present
CEO

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. Projects that I worked on:

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 front-end 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 between Ecwid shopping cart API and Klavyo marketing campaigns. These hooks process emails based on what's in the user's cart, and where they fell out of the sales funnel.

burstiq - 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.

Responsibilities
- Full Stack development.ASP.NET/MVC/Core, Xamarin Forms, C#, WPF, SQL, MySQL, PostgreSQL, DynamoDB, Angular, Knockout, API, RabbitMQ, Python, Django, Flask, AWS, DevOps CI/CD pipelines.
- Web API, AWS API Gateway, RESTful services, SOA, and Microservices
- Managing Aws DevOps, including Lambda, CloudFormation, S3, EC2, Incognito, Route53, and many more.
- Application support.
- Proof of concepts in Xamarin Forms.
- Architect/Team Lead/Sr. Developer
- 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.

WellDyneRX – Centennial, CO, 2018 –2019
Sr. Software Developer

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.

Responsibilities
- Full stack development using MVC/C#, ASP.NET Web API (RESTful), Knockout.js, Enterprise Library, jQuery, Twitter Bootstrap 4.
- Managing DevOps, including Azure DevOps and CI Builds.
- Application support for all applications used in the organization.
- Creating proof of concepts
- Architecture
- Participate in cross-team collaboration.

- Docker image and container management
- Security and risk mitigation
- Provide support to Jr./mid developers.
- Query and DB support using SQL Scripts, LINQ, and Entity Framework
- Develop power shell scripts for use in deployments.

Federal Reserve Bank of Kansas City - Denver, CO, 2014 –2018
Senior Software Engineer/Lead/Architect

FRB is 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.

Examiner Application – This application is a national enterprise application that gives bank examiners of all 50 states access to all the bank's information and history. Developed using an MVC Single-Page App with RESTful Services.

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 using MVC/C# 5.0, Angular 2, ASP.NET Web API 2 (RESTful), Enterprise Library, Entity Framework, Typescript, Knockout.js, jQuery, OO JavaScript, Bootstrap
- Designed tables and stored procs in SQL 2012

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

Pensco is a trust fund company that targets the alternative asset market. They were one of the pioneers and now a leader in 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.

Responsibilities
- Full stack development using 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.
- DB table design, stored procs, and REST services.
- SCRUM facilitator
- Lead developer
- Mentored mid/senior developers.
- Creating proof of concepts.
- Architecture

Visa, Inc. – Highlands Ranch, CO, 2011 – 2012
Contractor - Software Engineer IV

Visa is a global payments technology company that enables consumers, businesses, financial institutions, and governments to use digital currency instead of cash and checks. They currently stand at number 187 on the fortune 500 list.

Consumer Website – The Consumer website is used by all users of Visa's prepaid credit cards. The application is custom branded for individual financial institutions that provide pre-paid cards. This gives their users the ability to manage the company cards. This application services and hosts over 1000 financial institutions simultaneously.

Responsibilities:
- Development from DAL to UI using ASP.NET/C# 4.0, WCF, SQL 2008, MVVM, Custom Security Framework.
- Collaborate closely with Data team to ensure proper two-way service communications.

Complete work history at https://www.toddclarkston.me/#resume.

EDUCATION AND CERTIFICATIONS
Microsoft Certified Professional
SCRUM Master Certified – Scrum Alliance

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