SEAN MCLELLAN

Principal Software Architect

CONTACT

✉ sean@baristalabs.io

ABOUT ME

A highly motivated full-stack Software Engineer/Architect with over 15 years of experience, architecting and developing both internal systems and commercial products.

My experience includes full-stack development, Cloud/Cloud Native on Azure/AWS, Containerization, SharePoint 2010/2013/2016 based internal and external portals, service-oriented applications (SOA), REST-based web services and Microservice based architectures on Windows and Linux platforms.

I have an in-depth knowledge of dotnet core, C#, ASP.NET and MVC as well as a passion for the latest trends in technologies including TypeScript, NodeJS, React, webpack and similar technologies. I'm very passionate about the DevOps experience and reach for CI/CD tools and automated processes. Hobby level interests in IoT and UAVs. Contributor and maintainer of open source projects.

- Github
- LinkedIn
- My blog
- BaristaLabs, LLC
- Vimeo

💼 EXPERIENCES

Principal Software Architect

RDA Corporation - Since August 2007 - Full-time - Washington D.C. - United States - District of Columbia

Principal Architect responsible for interacting with clients, product managers and developers in order to envision, model and provide software designs. Performs software reviews to ensure quality of the design. Collaboratively works with other members of the software team to become familiar with the strengths of team members to ensure that team experience and knowledge is well represented.
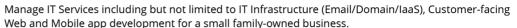
Founder

BaristaLabs, LLC - Since 2015 - Freelancer - Leesburg - United States - Virginia
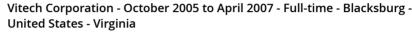
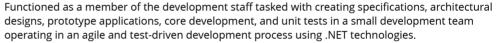Sole architect/developer on BaristaCore, a serverless application platform.

Technical Fellow

StilsonShirts, LLC - April 2014 to January 2017 - Freelancer - Leesburg (United States - Virginia)

Manage IT Services including but not limited to IT Infrastructure (Email/Domain/IaaS), Customer-facing Web and Mobile app development for a small family-owned business.

Software Engineer

Vitech Corporation - October 2005 to April 2007 - Full-time - Blacksburg - United States - Virginia

Functioned as a member of the development staff tasked with creating specifications, architectural designs, prototype applications, core development, and unit tests in a small development team operating in an agile and test-driven development process using .NET technologies.

Software Engineer

Northrop Grumman Mission Systems - October 2002 to October 2005 - Full-time - Clearfield - United States - Utah

- Developed solutions and performed IT/IS administration in support of the Systems Engineering and Integration laboratory using .NET and Oracle technologies for internal consumption.
- Held Security Clearance as part of responsibilities.

Software Developer

TRW - May 2002 to October 2002 - Internship - Clearfield - United States - Utah

Created and maintained a data transition tool using .NET which migrating legacy ICBM systems requirement data from a 16-bit in-house application into a modern systems engineering package called CORE.

📋 SKILLS

Technical Skills

- Recognized architect and developer of full-stack, innovative solutions utilizing the latest industry thinking to provide customer value.
- Supporter of agile and test-driven methodologies and implementing DevOps.
- Embraces all platforms, Windows, Linux, macOS, containerized solutions, automation.

Cloud

- Azure - Including Search, DB, Blob Storage, Functions, Cognitive, BI
- AWS - including EC2, S3 and Lambda
- GCP - Including Functions, CE, Vision APIs
- Self-Hosted VPCs on Digital Ocean

.NET Technologies

- In-depth knowledge of .NET/Core including C#, ASP.NET, WebAPI; Known as a mentor of .NET technologies.
- Microsoft dotnet core, aspdotnet core, .NET Full Framework,
- WebAPI, MVC, WPF, WCF, WF, Linq
- Visual Studio Team Suite (VSTS), Appveyor, TravisCI, Coveralls

JavaScript-Based Technologies

- Passionate about JavaScript-based frameworks and stacks.
- Full Stack NodeJS and other JavaScript technologies (ChakraCore)

- TypeScript, React, AngularJS 1.x, 2.x, Webpack, NodeJS

CMS/Portal Technologies

- Highly experienced SharePoint architect/developer with experience in the full stack - from planning and architecture to administration, custom service applications, on-prem and cloud solutions. SharePoint 2010-2019. On-Prem Farm Solutions, Addins to SPFx
- SiteCore

Tools

- SQL Server 2008-2016, Oracle
- NoSQL - Blob Storage, RavenDB, RethinkDB, Cosmos, Lucene, ElasticSearch
- Visual Studio, Visual Studio Code, Adobe Creative Suite, Power BI
- Cordova/PhoneGap/React Native/Xamarin/Mono

🎓 EDUCATION

AWS Certified Cloud Practitioner

September 2018 to September 2020

Validation Number XZ86S352KMQ1QYSH

Business Information Systems

UTAH STATE UNIVERSITY
1996 to 2002