

SEAN SMYTH

SOFTWARE ENGINEER

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OBJECTIVE

Experienced Software Engineer with over a decade of experience in data analysis, design, development, testing, and implementation of various applications, both web-based and not. Proficient in a wide variety of platforms, languages, and systems. Strong communicator with grit to see things through to the end, get to the bottom of issues, provide root cause analysis, and product quality code-based solutions.

EXPERIENCE

Senior Software Engineer – First American

April 2021 – Present

Full stack software engineer responsible for designing, developing, and testing of core applications. Influences overall strategy by helping define product features, providing development insights, and applying best practices to ensure quality products using C#, .NET Core, REST APIs, Microservices, SQL, PostgreSQL, React, and many other technologies. Other responsibilities include:

- Working with new clients to ensure smooth integrations between systems
- Providing root cause analysis of issues
- Providing work estimates in sprint plannings
- Assisting other developers on ensuring the use of best coding practices
- Coordinating with a largely offshore team located in India

Software Engineer Manager – PriceSpider

July 2019 – April 2021

Managed a team of ten software engineers who were responsible for supporting all of the products and internal tools used by the business and sold to clients. Responsibilities include:

- Hitting both internal and external SLAs
- Cross-training employees in various languages/products
- Improving process to increase efficiency and eliminate wasted resources
- Making strategic decisions to help eliminate tech debt
- Diagnosing issues, triaging and prioritizing work daily
- Assisting the engineers with issues that were especially complex
- Providing technical guidance to yield clean, efficient, high-quality code

Education

Bachelor of Science, University of Redlands
Major in Computer Science with a minor in Mathematics

Programming Languages

C#, VB, C++, Objective-C, T-SQL, PostgreSQL, HTML5, CSS3, Go, Angular, React, JavaScript, JQuery, TypeScript, PHP, ActionScript 3.0, VBScript, PowerShell

Frameworks and Libraries

.NET Framework 3.0-4.8, .NET Core 1.0-6.0, ASP.NET Core, WebAPI, WinForms, WPF, Node.js

Operating Systems

OS X, iOS, Windows
11/10/7/Vista/XP

Developing Environments

Microsoft Visual Studio 2010-2022, Visual Studio Code, XCode, Microsoft Sql Server, DBeaver, Robo 3T, MySQL WorkBench, PHP Storm

Other

Proficient in GitHub, Git, JIRA, Google Data Studio

Professional Development

- Software Engineer Management. Cal State University, Northridge
- The Success League – Course in managing software teams

- Building and maintaining custom reporting and KPI measuring capability from the ground up to be reported on at both a high and low level on a weekly basis
- Owned our GitHub repo and oversaw all code reviews
- Set up and owned JIRA board and all of its workflows, SLAs, screens, etc.
- Building a “Playbook” of Confluence articles on how to do various common tasks, greatly improving the onboarding experience
- Managed PTO requests, timecards, performance improvement plans, behavioral issues, and budget for my team in our department. Saw a 50% quarterly improvement on throughput since start of 2020 and improved our 15% SLA adherence to 90% adherence. Programming languages used were mainly C#, Go, JavaScript, TypeScript, SQL, and Postgres.

Senior Software Engineer – Barings

October 2018 – May 2019

Spearheaded the Charlotte Real Estate team to increase work efficiency and productivity, while enhancing web software, coordinating server migrations and software releases, and creating financial reports using SSRS and SSIS. Some major web applications worked on were an interactive market research application, created using ASP.NET MVC and SQL, which allowed users to attain submarket historical and forecasting data, assisting with investment allocation decisions. Also created a single-page High Yield Asset Trading Platform in ASP.NET Core MVC in which users would set up asset trades between banks and submit major asset orders. Supported and developed software engineers by providing advice, coaching and new business opportunities. Improved operations by conducting systems analysis; recommended changes in policies and procedures

- Successfully integrated and supported both new and existing real estate investment systems/databases with vendor systems.
- Streamlined feeds and processes by reducing overhead and mitigating process instability and risk.
- Expanded 45% real estate research software analytic capabilities

Senior Software Engineer – Viking Cruises

September 2016 – October 2018

Developed, tested and implemented new reservation software to improve productivity, increase efficiencies, decrease costs and streamline processes for booking agents. Recommended software improvements, tested and maintained to ensure strong functionality as well as performance and stability. Performed various organizational tasks, including managing projects lifecycle, formulating effective business plans to enhance business growth. Implemented SCRUM process tools to track progress and guide the team toward completion of the sprint.

- Led disaster recovery fail-over planning and implementation, which set the company up to be protected from catastrophic failure in the event of a disaster.

Software Engineer – Telos Corp

December 2014 – September 2016

Aided and expanded web-based software through implementation of ASP.NET MVC and ASP. Increased project progress by establishing and implementing advanced methodology. Developed a wide range of functional enhancements and performance improvements to dozens of existing modules. Expanded messaging capabilities between secure endpoints. Provided detailed documentation to corporate, resulting in optimization of Telos Corp work performance and improved the onboarding experience for future hires.

Software Engineer – Casamba

June 2012 - December 2014

Worked with C#, WinForms, and various other tech stacks to expand and maintain company software, generate automated reports using SSIS, and work on internal tooling that assisted with streamlining business operations.