Angela Law

Software Engineering Manager

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I have 29 years of experience implementing web application solutions including full stack solutions in SAAS based solutions in multiple languages. I also am constantly striving for improvement in the work I do. Whether it is to improve code, improve processes, or improve relationships my overall goal is to see my company, my co-workers, and myself succeed in all aspects of life. To be a part of a positive, rewarding, collaborative, fun, and productive environment where everyone benefits.

Professional Experience

Engineering Manager   **Jan 2021- Nov 2022**
Azara Healthcare, LLC

Hands on development manager who participated in coding through architecting, enhancements, code review, mentoring, training, and debugging work on existing technology.

- Lead a team of 7 developers and 3 quality assurance people for development efforts of the main SAAS product DRVS.
- Identified and addressed poor performing areas of the code base through releasing of refactored development based on specification work written.
- Cross functional collaboration with various teams in engineering and product.
- Improved communication between my team and external teams.
- Established a 2-week release cycle managed through a Kanban style system; Assigned work and established deadlines.
- Created process that led to a 90% decrease in critical bugs being released to production by introducing 3-day regression and developers testing each other's work.
- Decreased inherited 400 backlog of bugs and improvements to 50 in my first year.
- Decreased bug turnaround from 120 days to 30 days by the end of my tenor.
- Established documentation important processes, technical information about our code base and special case testing procedures.
- Determined 3rd party software to buy to suit our enhancement needs.

Technology used: Azure, .NET core 3.1, C#, MVC, jQuery, T-SQL, Sql Server, HTML, CSS, Javascript, Restful Api, Telerik, Hangfire, Octopus, Jira, Confluence, Github and SourceTree

Software Development Manager   **2019-2021**
Education Advanced, Inc

Hands on development manager who participated in coding through architecting, enhancing, code reviewing, mentoring, training, and debugging work on existing technology and new technology.

- Lead a team of 4 developers in porting efforts for two software products from .Net Framework Legacy system to modern frameworks in .NET core and client-side framework.
- Managed a 3-week agile scrum, sprint cycle process to meeting project goals and deadlines.
- Participated and ran development and cross-functional team meetings.
- Lead rewriting database relational structure in MySQL.
- Architected front end UI in both VueJs and Blazor WASM.
- Researched, prototyped, and provided an analysis of third-party software and development frameworks.
- Lead designing and architecting front-facing and back-end software pieces in .NET Core, Blazor WASM, Telerik, Dapper.NET and MySQL.
- Collaborated with product team to establish standard practices and feedback for communication on technical requirements or related bug related issues.
- Participated in cross-functional team meetings to develop the technical direction for the development team.
- Created proof of concepts with 7 Front End UI prototypes utilizing Angular 8, MVC, Blazor SRS, .NET core 3.1, and Blazor WASM with Telerik and DevExpress tools.

- Wrote performance analysis documentation for prototyping work.
- Prototyped oAuth solution with third party provider, Okta, for 2 different public applications.
- Established general guidelines for coding standards.

Technology used: AWS, .NET core 3.0, ASP.Net Web Forms, C#, MVC, jQuery, VueJs, Angular 8, Blazor SRS, Blazor WASM, HTML, CSS, Okta OAuth, T-SQL, SQL Server, MYSQL, HTML, Javascript, Restful Api, Telerik, Dev Express, BitBucket, SourceTree, Hangfire, Octopus, Jira, Confluence, Github and SourceTree

Lead Developer   2019-2019
AllOne Health

Lead a small group of developers in an IT department for a health service company.

- Managed outside consultants successfully.
- Technical liaison between business and technical groups.
- Technical documentation creation for external customers and vendors.
- Participated in client meetings.
- Research and recommend process and technology improvements for in house software.
- Provided proof of concepts of initial migrations and testing of technology upgrades.
- Provided technical recommendations on potential application development.
- Performed releases for both intranet and extranet production sites.
- Mentored other developers.
- Developed Restful API for external vendors and clientele to utilize with Web API 2, Dapper.NET, LINQ, C#, and T-SQL. Enhanced existing intranet and extranet web applications according to business needs in ASP.NET and VB.NET.
- Managed and planned SQL server upgrades for databases, SSIS packages, and SSRS.
- Bug fixed stored procedures and SSIS package job failures.

Technology used: ASP.NET Webforms and Framework, WEB API 2, Dapper.NET, C#, VB.NET, T-SQL, Restful API, SQL Server, IIS, Dot Net Nuke, SSIS packages, and SSRS.

Software Engineer   2015-2019
Aries System Corporation

As a software engineer, I maintained, enhanced, and ported code for a leading publishing software as a service provider.

- Coordinated and collaborated with business analysts, fellow engineers, and quality assurance engineers on deliverables for on-time releases.
- Mentored other developers on enhancements and debugging issues.
- Ported 2 different parts of our current Editorial Manager administrative application from ASP.NET C# to ASP.NET Core 2.0 Restful Api in C# and Angular 6.2.
- Debugged and corrected poor performance of the calling and using of stored procedures on the Main Menu that had the potentiality of running over 60 queries depending on user. Page loaded in less than 2 seconds.
- Successfully ported different parts of the Editorial Manager customer-facing application from Classic ASP to ASP.NET Framework technology.
- Worked independently and within a small team of 4 within a development department of 22 people.
- Performed Round 1 and Round 2 testing before handing off to QA.

Technology used: ASP.Net Web Forms, C#, Angular 6.2, Restful Api, jQuery, javascript, HTML, CSS, T-SQL, SQL Server, AccuRev, IIS,

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Software Developer   **2014-2015**

TSD Rental

As a software developer, I maintained, and enhanced code for a for industry-leading car rental management software as a service provider.

- Researched, gathered requirements, and wrote functional specifications based on a statement of works created by the business analyst.
- Technical liaison between business and technical groups.
- Interfaced with external clients on new enhancements and training.
- Worked independently and within a small team of 4 within a department of 14 developers.
- Worked side by side with the QA team to help pinpoint the scope of testing for any given piece of work.
- Wrote up analysis of performance issues I found in code and offered recommendations.
- Lead by example to establish better communication and documentation for QA, Support, and business analyst.

Technology used: ASP.NET Webforms and Framework, VB.NET, T-SQL, SQL Server, IIS, Telerik, jQuery, HTML, and CSS.

Software Architect   **2011-2014**

Action Ambulance Inc.

As a Software Architect, I maintained and enhanced legacy systems; as well as architected and ported software for ambulance company who was software as a service provider.

- Maintained and enhanced legacy patient care reporting software as a service product.
- Architected and created a new web portal patient care reporting software to replace the legacy system.
- Interacted with government representatives on both State and Federal levels to ensure both legacy and new software comply with the regulations set forth by both systems of government.
- Collaborated with the Emergency Medical Technicians team to gather information on design considerations from the end-user perspective.
- Wrote functional documentation for new web portal.
- Bought and Built a brand-new server with virtual machines to function as production and development environments.
- Tested and deployed both legacy and new portal software to production servers.
- Designed and created an automated notification system software to allow clients to develop their own customized rule-based email notification system based on patient care reporting data.
- Designed and created an automated crystal report email system for customers to use.
- Provided customer support for software. Setup software for new customers.
- Performed all quality assurance tests on software releases as well as production release rollouts.

Technology used: ASP.NET, MVC, C#, HTML, CSS, javascript, jQuery, Telerik, CSS, t-sql, and SQL Server, Classic Asp, Vbscript, Visual Source Safe.

Software Development Manger   **2010-2011**

Buy Book Technologies Inc.,

Hands on development manager who established software life cycle processes; as well as enhanced, mentored, trained, and debugged work on existing technology and new technology.

- Managed, mentored, and assigned work to developers for releases.
- Interfaced with clients such as autotrader.com, who utilized our application on public-facing site.
- Designed and developed release process flow and standards.
- Created process flow for the issue tracker as well as, setup and administered issue tracker.
- Re-designed, architected, and programmed to improve performance for front-end public web applications that calculated an instant trade-in offer for a used vehicle based on customer feedback.
- Also, re-designed and programmed the dealer management administration application.
- Gathered requirements and collaborated with other departments to ensure on-time delivery of software enhancements and bug fixes.

Technology used: Effectively utilized ASP.NET Framework, HTML, CSS, javascript, jQuery, CSS, t-sql, and SQL Server tools.

Senior Software Engineer   **2007-2010**
Burst Media Inc.

As a senior software engineer, I maintained, enhanced, architected, and ported code for a leading click ad software provider.

- Lead developers for successful porting from classic asp to asp.net web form application.
- Designed, coded, and integrated new website application software, for ad serving network, into a complex legacy database system.
- Gathered requirements from the business and technical end-users to ensure a robust, scalable architecture design. This design resulted in very minimal downtime for customers.
- Designed, developed, and implemented a rewrite of core architecture into flexible libraries and website pieces.
- Mentored other developers.

Technology used: ASP.Net Web Forms, C#, jQuery, javascript, HTML, CSS, T-SQL, SQL Server, Telerik, Visual Source Safe, OnTime

Self-Employed Consultant   **2000-2007**
Fore Engineering

Self-employed consultant where I managed all areas of software development including writing up proposal and specifications, designing and architecting, coding and testing, and deploying.

- Effectively and efficiently managed and provided on time delivery of custom e-commerce and intranet website applications, website updates and client/server applications.
- Proven ability to handle all phases of the software development life cycle.
- Provided quality programming with an eye towards future upgrades or enhancements.
- Provided written documentation on functionality.
- Interacted with the clients in a one-on-one basis.
- Provided computer installation and network/computer/software support.

Technology used: ASP.Net Web Forms, VB.NET, javascript, HTML, CSS, T-SQL, SQL Server, Access DB, Classic ASP, Vbscript, Visual Source Safe

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Senior Software Engineer   1998-2000
RSVP Inc.

As a senior software engineer, I maintained, enhanced, and architected code for a health education company.

- Designed, implemented, programmed, and integrated full-scale website into a complex legacy database system.
- Gathered requirements and wrote specifications from the marketing staff to ensure a functional, usable, and appealing site.
- Coordinated with two programming contractors and one graphic artist contractor to ensure the on-time delivery of the website.
- Tested, debugged website and software applications that were written by myself and outside contractors.
- Recommended improvements on functionality, performance, and time management areas.

Technology used: javascript, HTML, CSS, T-SQL, SQL Server, Access DB, Classic ASP, Vbscript, Visual Source Safe

Principal Support Specialist   1997-1998
Digital Equipment Corporation User Society
Designed and programmed in-house software applications using Microsoft Access to support the staff.
Integrated in-house applications in with enterprise applications, such as Great Plains Software.
Built and managed complex dynamic websites that provide real-time up-to-date scheduling changes, resulting in a 30% drop-in customer service calls regarding event scheduling. Coordinated and managed two outside contractors. Provided in-house software support/training to users as well as responsible for software upgrades. Provided technical and application support at company user group expos.

Technology used: ASP.Net Web Forms, C#, javascript, HTML, CSS, T-SQL, SQL Server, Access DB, Classic ASP, Vbscript, Visual Source Safe

Software Engineer   1997-1997
Silvon Software Inc.
Researched, documented, and managed complex release process on VMS, UNIX, and NT platforms. Re-engineered complicated installation processed for a multi-tiered helpdesk application, resulting in a 50% drop in customer-related installation calls. Ported existing software technology from UNIX to Windows environment.

Software Engineer   1996-1997
Avicenna Systems Inc.
Help build a profitable medical insurance intranet website. Company's liaison between programmers and graphic artist/marketing personnel. Analyzed and translated programming personnel's requirements into a list of objectives for the content/graphic artist staff to adhere to. Created and programmed a custom tool that organized development and source control for both content/graphic artist and programming staff, which resulted in a significant decrease in the number of bugs produced. Wrote an automated content processing tool with pattern matching search and replace capability and document merging. Provided in-house training on third-party and custom applications to employees.

Senior Programmer   1994-1996
Pencil Pushers
Programmed & debugged taxation software. Provided quality customer support to clientele. In charge of a complicated portion of taxation software program. Prevented mission-critical deadline disaster by proactively talked to management about memory constraints of software application; specifying and implementing standards for programmers to adhere to; developing specifications for resolving memory problems; mentoring, training & leading team of programmers in resolving memory issues; programming the more sophisticated parts of the programs with memory issues.

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Programmer/Analyst   **1993-1994**
Arvis Inc.
Designed and implemented sophisticated beeper system for TV commercial insertion equipment. Researched hardware/software information for new phase of development. Trained and provided technical support for customers on software. Developed documentation and training materials for clientele. Provided on-site training for clients.

Education
Kent State University, Kent Ohio 1988-1993
Bachelor of Science in Computer Science within Mathematics program

Burlington College, Burlington, **VT** 2000-2003
Bachelor of Arts in Transpersonal Psychology February 2003