

Summary

- Senior architect/developer with a track record of delivering on time effective and efficient solutions
- Proven leader in driving architecture decisions and developing projects from concept to release
- Detail-oriented architect with experience in all phases of the development lifecycle; from translating business requirements into technical solutions to striving for quality, efficiency, and best practices
- Passionate learner who strives to produce quality work, continuously improve, and stand out rather than blend in

Experience

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|--|---|-----------------------------|
| Software Architect | Computer Aid, Inc. | January 2015 – Present |
| <ul style="list-style-type: none">• Responsible for architecting, planning and directing the activities of technical personnel involved in the architecture and design functions required for new and existing applications• Provided technical guidance and oversight to the development team on best practices and policies• Collaborated with management to ensure the effective delivery of high quality products to our customers on time and on budget.• Created several technical solutions that included architectural solution design for new applications (web and mobile), approach to hosting, goals, constraints and quality (performance, reliability/availability, and security) of the solution• Responsible for the architecture and directing of development for the Megatrack project which consisted of web and mobile components using ASP.NET MVC, Web API, Xamarin Forms, C#, JavaScript, SQL Server, and the MVVM design pattern, git• Full stack development on various systems with focus on clean code and SOLID principles for both web and mobile using ASP.NET MVC, Web API, Xamarin Forms, .NET 4.6.2, C#, MVVM design pattern, VB.NET, JavaScript, SQL Server 2012-2016, PowerShell, git, TFS/VSTS• Established full CI/CD pipelines in VSTS• Active Secret Clearance | | |
| Senior Programmer Analyst | TecPort Solutions, Inc. | October 2013 – January 2015 |
| <ul style="list-style-type: none">• Full stack developer of a complex inventory web application for NAVSUP using C#, SQL Server 2012, JavaScript, ASP.NET, VB.NET• Followed an agile development methodology and full stack development• Responsible for architecting and initial development of a new barcode scanning software system | | |
| Programmer Analyst III | Penn State University (Research Computing) | July 2010 - October 2013 |
| <ul style="list-style-type: none">• Responsible for the architecture and development of many small to mid-size software systems for Penn State University• Worked directly with stakeholders to gather requirements, design, and develop software systems• Organized and led user groups, training sessions, and meetings• Architected and developed the public-facing software systems: Penn State Profiles and Student Undergraduate Research Internship Program (SURIP)• Technologies: MySQL, SQL Server, PHP, CakePHP, JavaScript, JQuery, C#, ASP.NET, Python, Bootstrap | | |
| Programmer | PerformCare | January 2009 - July 2010 |
| <ul style="list-style-type: none">• Full stack developer of a large software system for PerformCare• Architected and developed various utility applications to improve productivity and efficiency of processing claims• Technologies: Visual Basic 6, VB.NET, C#, PHP, VB Script, SQL Server | | |
| Programmer | Hershey Medical Center | June 2007 - December 2008 |
| <ul style="list-style-type: none">• Developed multiple systems for use within the research staff community• Worked directly with the business to gather and translate business requirements• Technologies: MySQL, PHP, CakePHP, JavaScript, JQuery, C#, ASP.NET | | |

Education

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| M.S. Software Engineering | Penn State University | April 2013 |
| <ul style="list-style-type: none">• Capstone: Developed an online eLearning education system | | |
| B.S. Information Systems | Penn State University | May 2009 |

- Capstone: Developed a help desk incident management system for Continuum Publishing

A.S. Computer Networking

Harrisburg Area Community College

June 2006

Miscellaneous

- Association of Computing Machinery (ACM) Member
- CompTia Security+ November 2014 - November 2017
- Active Secret Clearance
- Microsoft Certified Professional: 70-483 Programming in C# - November 2017