

Currently employed as a Software Architect with experience in all phases of the software development lifecycle. I strive to produce quality work, continuously improve, and stand out rather than blend in. Seeking employment as a Lead Developer or Architect where I can contribute in driving architecture and development for the on time delivery of effective and efficient solutions.

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## PROFESSIONAL EXPERIENCE

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### Computer Aid, Inc

Harrisburg, PA

January 2015 – Present

#### Software Architect

Responsible for architecting, planning, and directing the activities of technical personnel involved in the architecture and design functions required for new and existing applications.

- Active Secret Clearance
- 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
- Established full CI/CD pipelines in VSTS

#### Senior Programmer Analyst

Senior Developer involved in the architecture and development of software systems.

- Full stack development 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

### TecPort Solutions, Inc

Mechanicsburg, PA

October 2013 – January 2015

#### Senior Programmer Analyst

- 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

### Penn State University

Hershey, PA

July 2010 - October 2013

#### Programmer Analyst III (Research Informatics & Computing)

- 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

### PerformCare

Harrisburg, PA

January 2009 - July 2010

#### Programmer

- 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**

- 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

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**EDUCATION & ACHIEVEMENTS**

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<b>M.S. Software Engineering</b>	<b>Penn State University</b>	<b>April 2013</b>
<b>B.S. Information Systems</b>	<b>Penn State University</b>	<b>May 2009</b>
<b>A.S. Computer Networking</b>	<b>Harrisburg Area Community College</b>	<b>June 2006</b>
<b>CompTia</b>	<b>Security+</b>	<b>November 2014</b>
<b>Microsoft Certified Professional</b>	<b>70-483 Programming in C#</b>	<b>November 2017</b>
<b>Secret Security Clearance</b>	<b>Active</b>	<b>January 2018</b>