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Profile

I have been passionate about technology my entire life. I've developed software for some of the largest Retail, E-Commerce, and Healthcare companies, global and domestic. Recently Information Security, Penetration Testing and Secure Systems Design had become an interest. The following is a glimpse of my experience and work history.

Development Experience

Presentation	Languages	Architecture	Management
CSS3/HTML5	C# and VB.NET	AWS Serverless	Agile/SCRUM
WinForms & WPF	Java	IOC & AOP	SDLC Management
Angular	Python	OOD & SOA	Microsoft TFS/PM
Angular2	Bash	ASP.NET WebAPI	Project Management
Bootstrap	Typescript	Jersey JAX-RS	Lean Methodology
ASP.NET MVC	JS ES5 & ES6	EC2 Environments	AWS CI/CD
Karma/Jasmine	TSQL & PL/SQL	Production SIEM	Jira & Confluence
SASS(SCSS)	PHP	Tensorflow ML	Systems Management
CodeIgniter	Objective C	Secure Design	Offshore Teams

Systems Administration Experience

Operating Systems	Server Technology	AWS Cloud
RedHat Enterprise Linux	Apache Web Server	CodeBuild
Windows Server 2012	NGINX Web Server	CodeDeploy
CentOS 7	IIS Web Server	CodePipeline
CloudLinux 7	MySQL & MariaDB	CloudWatch
CentOS 6	BIND DNS	CloudFront
CloudLinux 6	Alienvault SIEM	EC2/ELB Auto-Scale
Ubuntu 16.04	GitLab Administrator	MySQL RDS
Ubuntu 14.04	Microsoft SQL Server	CloudFormation
Debian 8 Jessie	WHMCS & CPanel	API Gateway/Lambda

Experience and Work History

Senior Development Lead/Architect, Systems Administrator - ACP Consulting LLC
Grand Rapids, Michigan — January, 2017 - Present

- Lead small team to implement solutions for various clients.
- Architected secure hosting environment utilizing virtualization for all clients.
- Meet with customers and gather requirements in order to set up relationship and contracts.
- Architected and implemented Web Application Firewall to guard all customer applications.
- Administer and operate 3 host data centers and AWS based/backed DNS servers.
- Architected and implemented auto-scale AWS cluster using ELB, CloudWatch, CloudFront for high availability.
- Set up several important vendor relationships to handle and distribute customer load.
- Set up and evolving the marketing campaign for the core brand.
- Set up several B2B relationships to allow resellers to drive more business and also offload support.

Tech Stack:
Front End UI/Client: HTML5, CSS3, TypeScript 1.8, 2.0+, Angular 2, SASS(SCSS)
Server/Backend: AWS API Gateway, AWS Lambda, Serverless 1.0, TypeScript 2.0, CentOS 7, CloudLinux, CageFS, KernelCare, Bind9 DNS Server, Apache, Apache mod_lsapi, WHM CPanel, OSSEC, WHMCS, AWS Elastic Load Balancer, AWS CloudFormation, AWS CloudWatch, AWS CloudFront, AWS VPC, AWS VPN Gateway, AWS Serverless Application Model via Chalice, pfSense, StrongSwan, ModSecurity, ModEvasive.
DevOps: Jenkins, AWS CloudFormation, WebPack, GitHub

Sr. Software Consultant - Amway Global
Ada, Michigan — July, 2016 - December, 2016

- Lead Architecture alongside Amway Solution Architect.
- Architected Angular2 application structure, through Angular2 release.
- Architected AWS Serverless Application Model Framework using Inversify.
- Wrote Custom Authorizer for Single Sign On using OAuth 2.0.
- Created Unit Testing Framework for Angular2 front end Unit Test.
- Created Unit Testing Framework for AWS Serverless Framework.
- Secured the Single Sign On application by leveraging security practices learned through penetration tests performed personally.

Tech Stack:
Front End UI/Client: HTML5, CSS3, TypeScript 1.8, 2.0+, Angular 2, SASS(SCSS)
Server/Backend: AWS API Gateway, AWS Lambda, Serverless 1.0, TypeScript 2.0
DevOps: Jenkins, AWS CloudFormation, WebPack, GitHub

Sr. Software Consultant - NHA Schools
Grand Rapids, Michigan — January, 2016 - July, 2016

- Senior Developer Providing Architecture Oversight.

- Agile Project Manager for several projects.
- Working on public facing Parent and Student Portal.
- Responsible for managing, architecting, designing, and developing the entire Software Development Lifecycle.
- Integrate and collaborate with other Agile teams.
- Practice defensive and secure coding for web applications containing sensitive and state regulated data.

Tech Stack:

Front End UI/Client: HTML5, CSS3,JavaScript(ECMA 5.1),AngularJS,SASS(SCSS),ASP.NET
Server/Backend: ASP.NET WebAPI, C#, SQL Server 2014, TSQL, Enterprise Framework 6.0
DevOps: Microsoft TFS

Sr. Software Consultant - [Spectrum Health](#)

Grand Rapids, Michigan — December, 2014 - January 2016

- Part of the Continuous Innovation team. Developing medical application using AngularJS with WebAPI backend.
- Working on the public facing patient portal MyHealth.
- Working on Health Navigation application used by the medical staff.
- Responsible for designing and developing automated tests for both front end Angular application and Web API back end.
- Integrate and collaborate with other Agile teams.
- Practice defensive and secure coding for web applications containing patient data and HIPAA information.
- Launched multiple projects successfully under budget.

Tech Stack:

Front End UI/Client: HTML5,CSS3,JavaScript (ECMA 5.1),AngularJS,SASS(SCSS), ASP.NET
Server/Backend: ASP.NET WebAPI, C#, SQL Server 2014, TSQL, Enterprise Framework 6.0
DevOps: Atlassian Stash, Atlassian Bamboo, Atlassian Jira

Sr. Software Consultant - [Amway Global](#)

Ada, Michigan — September, 2012 - December, 2014

- Part of the Global Web E-Commerce Shopping Cart development team.
- Worked on the shopping cart flow, including: Payment, Order Processing and Order History.
- Wrote encryption and integration layer between Amway India and Citibank.
- Wrote encryption and integration layer between Amway India and ICICI Bank.
- Responsible for interpreting requirements and generating Technical Designs.
- Responsible for designing and developing automated tests.
- Worked with global remote teams in Malaysia and India.

Tech Stack:

Front End UI/Client: HTML5, CSS3, JavaScript (ECMA 5.1), jQuery, ASP.NET MVC

Server/Backend: ASP.NET *WebAPI, C#, SQL Server, TSQL, Enterprise Framework 6.0*
DevOps: *Microsoft TFS*

Software Systems Coordinator - Meijer, LLC.

Walker, Michigan — September, 2006 - September 2012

- Lead team of full time resources and contractors.
- Architected Competitive Pricing System.
- Directed Competitive Pricing System implementation as Project and Technical Lead.
- Developed N-Tier applications for both Windows and Web.
- Gathered requirements from business users.
- Wrote functional and technical specifications for various distributed systems.
- Designed and created ETL for extremely high volumes of data.

Tech Stack:
Front End UI/Client: *.NET Winforms, HTML5/CSS3, JavaScript, ASP.NET WebForms*
Server/Backend: *VB.NET, ASP.NET WebServices(ASMX),SQL Server, TSQL*
DevOps: *Microsoft TFS, Rational ClearCase*

Lead Developer and System Administrator - Spout, LLC

Grand Rapids, Michigan — October 2005 - September 2006

- Developed outward facing web application using C# and ASP.NET.
- Integrated custom solution with Community Server.
- Collaborate with consulting firms for design and development.
- Integrated ASP.NET Storefront application with Community Server.
- Managed Production server environments for Web IIS6, Exchange, Blackberry.
- Managed SQL Server environments for Dev, QA and Production.

Systems Analyst and Developer - Meijer, LLC.

Grand Rapids, Michigan — November 2003 - October 2005

- Gathered requirements, wrote functional and technical specifications.
- Wrote business forecasting and analysis applications using VB.NET
- Wrote stored procedures for IBM DB2.
- Developed Promotional Rule Engine.
- Followed through SDLC to deploy enterprise business solutions.

Software and Database Engineer - Core Computer Concepts, Inc.

Grand Rapids, Michigan — April 2002 - November 2003

- Early adopters of .NET Framework.
- Design and develop web applications using .NET Framework in C#.
- Maintained SQL Server 2000 servers for DEV, QA, Production.
- Worked on several Learning Management System solutions.

Software Developer - RomanUK United Technologies, LLC.

Grand Rapids, Michigan — May 1999 - April 2002

- Designed and developed data acquisition software using VB 6.0.
- Designed and developed sound analysis software using VB 6.0.
- Designed and developed several applications using ASP 3.0 (Classic ASP)

Education

- Grand Valley State University — Computer Science

Certifications

- HIPAA Certification for Business Associates

- Defensive Coding and Penetration Testing for Web Applications

- Microsoft SQL Server Query Performance Tuning

- Linux System Administration

- IT Security and Ethical Hacking

References

Available upon request.

Note

There are several technologies not listed here that I have used and implemented, for example several penetration testing tools and secure design patterns. If your particular need is not listed, please specify the need.