

SUMMARY

WORK EXPERIENCE

Technical Architect – AgileThought, Inc

June 2015 - Present

- Secure Software Consultant - Secure Document Transmission System
- Architect – Tournament Management System
- Lead Developer – Upgrade Legacy Software Systems

Software Engineer – Nebraska Department of Roads

July 2012 - June 2015

- Architect/Engineer – Finance System
- Technical Leadership Working Group – Lead technical direction

Senior Software Engineer – Election Systems and Software

May 2012 - July 2012

Senior Consultant – QA Technologies

May 2009 - May 2012

- Architect/Mentor/Senior Developer – Nebraska Department of Roads
 - Architect/Engineer – NDOR Common
 - Architect/Engineer – Electronic Accident Form
 - Mentor for Salt Database project
 - C# Mentor
- Architect/Engineer/Database Consultant – EnrollTrac
- Internal QA Technologies project

Senior DevOps Engineer — Vorteon, LLC

June 2000 - March 2010

- Architect/Lead Engineer – SolutionsDesk Service Desk Application
- Architect/DevOps Engineer – Online Banking Instant Credit Card Approval
 - Annually Audited Secure Hosting
 - Secure Application Architecture
- Senior Software Engineer – Ipoint Kiosk

CERTIFICATIONS

CSSLP - Certified Secure Software Lifecycle Professional
CSM Level 1 - Certified Scrum Master

OTHER EXPERIENCE

Lecturer/Presenter

- ISC² Security Congress
- South Florida Code Camp
- Orlando Code Camp
- Nebraska.Code
- Nebraska Code Camp

TECHNOLOGIES

Visual Studio, VS Code

Git, TFS, SVN

C#, ASP.NET MVC, Entity Framework, TSQL, JavaScript, HTML, CSS

Microsoft SQL Server, PostgreSQL

Azure Devops, VSTS, TFS

EDUCATION AND TRAINING

BS – Computer Information Systems in Business

AAS – Electronics Engineering Technology

DETAILS

WORK EXPERIENCE

Technical Architect – AgileThought, Inc

June 2015 - Present

- Secure Software Consultant - Secure Document Transmission System
- Architect – Tournament Management System
- Lead Developer – Upgrade Legacy Software Systems

Software Engineer – Nebraska Department of Roads

July 2012 - June 2015

- Architect/Engineer – Finance System
 - Automated the Build and Deployment
 - Train and mentor other teams in Build and Deployment
 - Migrated DB2 tables and procedures to SQL Server
 - Mentor development team in TSQL stored procedure development
 - Mentor development team in JavaScript development
 - Created Entity Framework extension methods for common business filters
 - C# Mentor
 - Work with subject matter experts to compile requirements
 - Researched legacy program and database structure to uncover additional requirements
 - Rewrite a COBOL, mainframe, DB2 system into a Windows Server, C# and SQL Server System
 - Agile development process
 - Continuous integration
 - Continuous delivery with production moves every three weeks
 - Engaged and motivated customer involvement and satisfaction
- Technical Leadership Working Group – Lead technical direction
 - Identify enterprise technical debt and create project proposals to eliminate it.
 - Eliminate old product versions and technologies to streamline development and operations.
 - Evaluate new products and product versions and plan upgrades.

Senior Software Engineer – Election Systems and Software

May 2012 - July 2012

- Research and Recommend performance enhancements
- Research and Recommend development methodology enhancements

Senior Consultant – QA Technologies

May 2009 - May 2012

- Architect/Mentor/Senior Developer – Nebraska Department of Roads
 - Architect/Engineer – NDOR Common
 - A common library used by multiple projects within Nebraska Department of Roads.
 - Architect/Engineer – Electronic Accident Form
 - A system to enable any Nebraska law enforcement officer to create and manage automobile accident reports online.
 - Mentor for Salt Database project
 - An NDORCommon-based system to track location and amounts of products used to prevent ice build-up.
 - C# Mentor
- Architect/Engineer/Database Consultant – EnrollTrac
 - Created audit system to confirm that all records were processed and the results sent via encrypted email
 - EnrollTrac is a custom suite of applications based around Agility BPM utilized to validate and audit retroactive payment adjustment requests for Medicaid enrollment, disenrollment, and other changes coming from multiple providers for the Center for Medicaid Services Bureau.
 - Design, Develop, and Implement in C#: EnrollTrac Suite (Browser, Upload, Administration), and Integration with DocLanding Document Management System.
 - Design, Develop, and Implement: C# plugins for QA Technologies Agility BPM Product.
 - Mentor client's internal development team on .NET development and Microsoft SQL Server.
- Internal QA Technologies project
 - Design and develop C#.NET programs to interface with and extend the functionality of QA Technologies Agility BPM Product
 - Translated Existing VB.NET Code to C#
 - Enhanced plugin architecture with both interface-based plugins and XML-based plugins
 - Technology: C#.NET, .NET remoting, and MS SQL Server

Senior DevOps Engineer — Vorteon, LLC

June 2000 - March 2010

- Defined Standards and Practices for projects/developers including Agile methodology and testing.
- Designed and implemented projects designed for stability, reliability, ease of use, ease of development, high security.
- Architect/Lead Engineer – SolutionsDesk Service Desk Application
 - Mentor development team
 - Defined Coding Goals and Practices focusing on reusability, flexibility, security, and scalability
 - Implemented Change Control and Change Management systems
 - Created advanced API Definition including Base API and Plugins
 - Remote Interface Definitions
 - Created Initial Implementation in VBScript/ASP
 - Converted to VB.NET/ASP.NET
 - Technology: VB.NET, ASP.NET, MS SQL Server (2000, 2005), VBScript, ASP
- Architect/Lead Engineer – Online Banking Instant Credit Card Approval
 - Designed and Developed FDIC-Compliant internet banking solution

- Configured and Installed Secure Hosting environment (annually audited) using Linux servers
- Defined and Implemented secure, highly reliable, highly available coding standards
- Implemented Change Management system
- Architect/Lead Engineer – SMTP Spam Filter Server
 - Designed and Developed e-mail proxy server for SPAM identification and blocking
- Senior Software Engineer – Ipoint Kiosk
 - Developed and Implemented Flash-based eyeglass try-on interface

Certifications

CSSLP - Certified Secure Software Lifecycle Professional
CSM Level 1 - Certified Scrum Master

OTHER EXPERIENCE

Lecturer/Presenter

- Secure Application Lifestyle
 - ISC² Security Congress - October 2019
- MultiThreaded Debugging in Visual Studio
- Hosting .NET on Linux
- Fun with C# Generics
- Augmented Reality with C#, Windows 7, and Microsoft Kinect

TECHNOLOGIES

Visual Studio, VS Code

Git, GitFlow, branch, merge, rebase

C#, ASP.NET MVC, Entity Framework, TSQL, JavaScript, HTML, CSS

Generic programming in C#

Extension Methods

Test-driven development

Multi-tier development

Dependency-Injection

Microsoft SQL Server

Database Design

Data Normalization

TSQL Queries and Stored Procedures

Azure DevOps, VSTS, TFS

Build and deployment automation

EDUCATION AND TRAINING

BS – Computer Information Systems in Business

- Bellevue University, Bellevue, NE
- Dean's List

AAS – Electronics Engineering Technology

- ITT Technical Institute, Fort Wayne, IN
- Graduated with Honors