

CAREER SUMMARY

Detail, results-oriented, AWS certified, experienced software engineering/IT professional with complete development life cycle and DevOps experience. Proven proficiency in:

- web/mobile/voice/cloud applications, databases, web services, and infrastructure
- architecture and design, development, automated testing, version control, code build, and deployment
- consulting, supervision, training, documentation, multi-media development, and network support services

TECHNICAL SKILLS

Languages: C/C++/C#, Visual Basic/Visual Basic Script, .NET, SQL, Java/JavaScript/J2EE/EJB, AJAX, ZOPE, Python, XML/VoiceXML/grXML/XSLT, SOAP, COM/DCOM, HTML/DHTML/XHTML, CSS, UML

Databases: MS SQL Server, Oracle, MySQL, SyBase, Access, FoxPro, JDBC, ODBC

Tools: Visual Studio, Team Foundation Server, SQL SMS, PL/SQL Developer, MySqL, Toad, NUnit, IIS, Silverlight, Eclipse, JSON, HP-ALM, Visio, SharePoint, Business Objects, Crystal Reports, Salesforce, Azure, Amazon Web Services, GitLab, Jenkins, Docker, Ansible, Artifactory, Puppet, Chef, PuTTY

Application/Web Servers: Windows, WebLogic, JBoss, Apache Tomcat, WebSphere

Operating Systems: Red Hat Enterprise Linux, Windows, Mac, Ubuntu

PROFESSIONAL EXPERIENCE

DevOps Engineer

ABB – Bartlesville, OK

April 2019 to Present

- Led DevOps for 10 product engineering teams to provide a framework for building, testing and packaging code in a consistent, reusable way
- Delivered CI/CD (Continuous Integration/Continuous Deployment) pipelines using tools such as GitLab and Jenkins
- Implemented network, server, and application-status monitoring tools
- Introduced container orchestration using Docker and Kubernetes
- Identified and corrected application security vulnerabilities
- Managed release/milestone planning and scheduling as part of an Agile development team

Solutions Integrator - Technical / Team Lead

Phillips 66/ConocoPhillips – Bartlesville, OK

April 2011 to Aug 2018

- Led architecture, development and operational support for the following applications:
 - BizLink – Financial data delivery system for Marketing customers with nearly a billion transactions per day
 - My Direct Access – Customer management system for Contacts, Contracts, Companies, Sites and Users
 - Lubestream – Data delivery system for Lubricants business
 - Digital Media – Various web applications: Conoco.com, 76.com, Phillips66Gas.com and Phillips66Aviation.com
 - Volumetric Reporting System – Manage more than 18,000 miles of pipeline systems across the United States
 - Custody Management System – Manage custody for all product movement through multiple transportation systems
 - OneShip – Manage tariffs for product movement through pipelines, terminals, transportation and storage facilities
 - ExSTARS – Tax Reporting system for Federal Government
- Consulted for project teams to define business requirements to convey business strategies and ensure project success and proper alignment of delivered IT solutions
- Led architectural requirements sessions to move applications from on-premise to the cloud
- Collaborated with IT Business Partners to clarify functional specifications and fully capture customer requirements, to create technical architecture and specification documents
- Planned and implemented application upgrades and maintenance updates, including communication of system changes and outages to internal and external customers
- Installed and administered Team Foundation Server to include all web applications and all database objects
- Developed automated web tests integrating test driven development and provided performance metrics
- Architected, designed, developed, tested and implemented stored procedures, triggers, system interfaces, reports, and views as database components
- Created and executed test plans and test cases for unit, integration, system, load balancing, and user acceptance testing for numerous applications to ensure quality deployments

Senior Software Engineer

TVG / BetFair – Louisville, CO

April 2008 to April 2011

- Led architecture, development, and operational support for the following web applications:
 - TVG.com – Interactive on-line wagering system for multiple platforms
 - TVGMobile – Mobile wagering system for smart devices
 - TVGDashboards – Executive reporting system using .NET charts to visualize multiple system metrics
- Installed and administered Team Foundation Server to include all web applications and all database objects
- Developed automated web tests integrating test driven development
- Designed, developed, tested and implemented stored procedures, triggers, and views as database components
- Provided Tier 3 and on-call support

Additional Relevant Experience**Senior Software Engineer**

SpectraLink / Polycom – Boulder, CO

2005 – 2007

Pulte Mortgage – Englewood, CO

2004 – 2005

Datria Systems, Inc. – Englewood, CO

2002 – 2004

McKesson HBOC – Broomfield, CO

2001 – 2002

Software Development Manager/Software Developer

Visual Plus Solutions – Boulder, CO

1996 – 2001

Clients: ParaScript, VisionTek, PrivateI, Corporate Express

Training Manager/Lead Instructor

Catapult Software Training - Denver, CO

1995 – 1996

Training Manager/Lead Instructor/Developer/Master Instructor

United States Air Force

Honorable Discharge: 1980 – 1995

Application Highlights:

- Created DevOps pipeline for continuous integration and continuous deployment
- Migration of applications to AWS and Azure to take advantage of cloud services
- Handwriting recognition software for U.S. Postal Service
- Mobile law enforcement applications – Wants and Warrants, Incident Reporting, Crime Scene Investigation, Traffic Accident Investigation with Ticketing
- WebLogic clustered environment running TeamWorks on multiple servers
- Various message engines for transferring patient data
- Solution to convert historical contained within text files into a SQL Server database
- Login application to secure user access, to monitor loan activities, and to report on-time completion percentages to supervisors and managers
- Serial Number Assignment System used to assign Serial Numbers and Media Access Control (MAC) addresses for all company serialized products
- Manufacturing Information System used to manage, control, and record events for the manufacturing and repair process flows
- Product Management System used to manage all part numbers, part changes and ensure Restriction of Hazardous Substances (RoHS) directive compliance
- Board History tool to retrieve all events (manufacturing and repair) for a particular Serial Number
- Various custom mortgage Business Process Management applications to task individuals with activities to complete entire loan process to include workflows, due dates, documentation required and loan products available
- Voice enabled field service applications
- Voice enabled ticket management applications
- Voice enabled disaster recovery applications
- Voice enabled election/vote counting applications
- Enterprise-level healthcare business applications

Responsibility Highlights:

- Managed teams of application developers
- Supervised teams of technical trainers and developers to include contract resources
- Conducted training for line workers and managers for numerous applications to support five global locations
- Provided systems level integration into enterprise financial/inventory suite utilizing web services
- Maintained over 25 legacy applications used for various manufacturing and repair functions

- Consulted on version and quality control methodology and produced a company standard software build process to promote code from one environment to another
- Converted existing VB6 applications to .NET architecture utilizing third party custom controls
- Performed data analysis to include custom data modeling
- Engineered an architectural design for custom application conversion to a commercial-off-the-shelf application
- Implemented solutions following Integrated Health Level 7 and American National Standards Institute X12 standards for compliance with the Health Insurance Privacy Accountability Act of 1996

EDUCATION & TRAINING

Lean Six Sigma Green Belt Certified

AWS Certified Cloud Practitioner

AWS Architecting on AWS

Graduate Studies, Computer Resources and Information Mgmt/Space Systems Mgmt, Webster University

B.S., Computer Information Systems/Business Administration, Columbia College

A.A.S., Instructor of Technology and Military Science, Community College of the Air Force

A.A.S., Avionics System Technology, Community College of the Air Force

Occupational Instructor Certificate, Community College of the Air Force

Master Instructor Certificate, Air Training Command, Lowry AFB, CO

Technical Instructor Course, Air Training Command, Lowry AFB, CO

Leadership Management Development School, Lowry AFB, CO

Private Pilot License

Technician Plus Amateur Radio License

Previous Top Secret Security Clearance