

MICHAEL C. HODGE

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DEVOPS | RELEASE ENGINEER

Combining traditional Build and Release roles with IT Administration, delivering continuous software build integrations for consistent application package deployments

Over 19 years' experience in Configuration Management, DevOps, Release Engineer and product delivery roles. Created automated Build and Release processes. Performed installation support, internal customer service, and software development in the Agile software development process.

TECHNICAL QUALIFICATIONS

DevOps CI / CD Tools:	Team Foundation Server (TFS); GIT, OneNote
Authoring / Deployment Engines:	WiX, InstallShield (IS) (v5.5 - 12, 2008 - 2019) - (IS Certified), Microsoft Visual Studio (MSVS) 2010 & 2019, Jenkins, CruiseControl, InstallAnywhere (IA) (v2008, 2009); Windows Installer (MSI); AdminStudio 3.5 & 5.0
Source Management:	Git; Team Foundation Server (TFS); Subversion; StarTeam; ClearCase
Build Tools:	SQLServer 2012, VersionOne, VMWare (vSphere, 3.0, 4.0, 5.0, 7.0), UrbanCode Deploy, JBoss, Maven, RegEdit, ONYX, AdminStudio, ANT
Platforms:	Windows XP, 7, 8.x, 10; Windows Server 2003, 2008 R2, 2012 R2
Languages:	InstallShield Script (C derived); Java Scripting; SQL Scripting, ANT; PowerShell

PROFESSIONAL EXPERIENCE

Alteryx, Inc (Contracting through Syrinx Consulting Corp.), Needham, MA (Remote) **2020 – Current**

Sr. Software Engineer (WiX Installer Consultant)

- Using WiX and MSVS Pro 2019 to create an installer for the client application including all pre-requisite applications.
- Maintain GIT source repositories, responsible for integrity of the CI pipelines.
- Responsible for quality testing of the installations on AWS EC2 Windows Instances.

Install Solutions, Inc (ISI), Atlanta, GA, Website: InstallSolutionsInc.com **2001 – 2020**

InstallShield Consultant

Co-Founder of consulting firm that specialized in creating Windows Installer (MSI) packages for business software vendors that with unique requirements and limited staffing. Services include prototyping deployment strategies and training support staffs to use tools and processes to achieve maximum reduction in total cost of ownership.

- Created a Basic MSI installation that allowed the customer to select different Industries for use in temperature controlled environments. The install also had to upgrade previous installs that were not InstallShield based.
- Assumed authoring of script based MSI to resolve outstanding issues with MSDE InstallShield object manipulation.
- Converted WiX based installs into InstallShield based installs based on project requirements.

Talisys Inc, Little Rock, AR – Golden, CO **2016-2019**

System Analyst | Release Engineer | DevOps

- Sole responsibility for building and maintaining multiple InstallScript MSI install packages used to update the 700+ production client machines as well as multiple server machines.
- Using UrbanCode, setup process that kept multiple servers up to date on code in development so testing could be performed, monitoring and troubleshooting issues.
- Used TFS to track code changes and bug fixes across code maintained by multiple developers, using shelved data and merges to keep conflicts from occurring in the release level code.

Bond International Software, Roswell, GA**2013-2016****Configuration Manager | DevOps**

- Used Jenkins, MS Visual Studio, CruiseControl, and Subversion, as well as proprietary tools, to build and deploy software utilizing the JBoss Engine to designated QA environments.
- Used VersionOne to track tickets in the Agile development process during one and two week sprints.
- Maintained over 20 QA and Development AppServer machines (Windows 2012 Server and Windows 2008R2 Server on VMWare vSphere) in support of Developers and QA in three US sites and one Foreign location.
- Maintained 4 Database (SQLServer 2012 on Windows 2012 Server) servers used by the 20+ AppServers. Handled application of SQL scripts to the databases and edited tables when trying to resolve problems that impacted QA and Development work.
- Coordinated integration of proprietary development engine updates onto the development machines and into the build, and maintained a semi-automated deploy using ANT as a scripting method.

DataPath (acquired by **Rockwell Collins**), Duluth, GA**2008 – 2011****Installation Software Engineer**

- Rebuilt the Windows Install using InstallAnywhere 2008 and 2009 to be compatible with Windows 7 and 64 bit Operating Systems.
- Investigated and implemented the ability of the Java based applications to be run as services in 64 bit OS's using Apache Tomcat or Tanuki Software's Java Service Wrapper.
- Maintained and developed highly complex Windows Installs using InstallShield v9.

PegaStaff Corp., Atlanta, GA**2007 – 2008****InstallShield Contractor (ISI)**

- Maintained multiple InstallScript MSI based installs using IS 2008,
- Created a setup to install the Database and Services components for use in situations where the full install is not needed
- Used VMWare to smoke test new features in the install and to replicate issues found by QA testers so they could be fixed in a timely manner.

Ross Systems, Inc., Atlanta, GA**2006 – 2007****InstallShield Developer (ISI)**

- Maintain multiple Installscript MSI based installs using IS 11
- Converted selected Installscript MSI installs to Basic MSI packages, as well as created Basic MSI installs to patch software in the field with the latest code fixes on an as-needed basis.
- Used Microsoft Virtual Machine to replicate defects in old installs so they can be fixed and integrated into the master install.

Witness Systems, Inc., Alpharetta, GA**2004 – 2005****InstallShield Contractor (ISI)**

- Maintained automated build processes for corporate applications using Maven with ANT scripts and StarTeam promotions.
- Developed and maintained multiple installation projects using IS 5.5 through IS 10.5.
- Tested installs using VMWare to find and to recreate defects that QA reported in ONYX

EDUCATION

Kennesaw State University – September 1997 - April 1998
Roswell High School – Graduated 1997 – GPA 3.1