

Michael C. Hodge

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Qualifications:

Over 15 years experience in Configuration Management, DevOps, product delivery, creating and deploying installation setups, performing installation support, internal customer service, and software development in the Agile software development process.

Technical Qualifications:

Authoring/Deployment Engines: MS Visual Studio, Jenkins, CruiseControl, InstallAnywhere (**IA**) (v2008, 2009); Maven; InstallShield (**IS**) (v5.5, 6.1, 7.1, 8.0, 9.0, X (10), 11, 12, 2008, 2009, 2010, 2011, 2012), Windows Installer (**MSI**); AdminStudio 3.5, 5.0; (InstallShield Certified)

Tools/Application Software: SQLServer 2012, VersionOne, VMWare (vSphere, 3.0, 4.0, 5.0, 7.0), JBoss, MySQL, Apache Tomcat, Beyond Compare, SED, Lotus Notes, MS Office, RegEdit, XMLStarlet, ONYX, AdminStudio, PackageFromTheWeb, InstallFromTheWeb, SMS, idsMAIL, Microsoft Virtual Machine, ConfigSafe, IIS, Repackager, Tuner, PFE, WinDiff, Search and Replace

Source Management: Subversion; StarTeam; ClearCase; VSourceSafe; PVCS

Platforms/OS's: Windows 2012 Server (64bit), 7 (32 and 64 bit); 2008 Server (32 and 64 bit); Vista; 2003 Server; 2000; XP Pro; NT; NT Server; 98; 95; 3.1; MS DOS

Languages: Java Scripting; SQL Scripting, ANT; InstallShield Scripting (C' derived); Visual Basic Scripting (VBScript)

Business Experience:

Bond International Software – Configuration Manager / DevOps, Roswell, GA (Dec 2013 to Jan 2016)

- 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 stories/tickets in the **Agile development process** during one and two week sprints.
- The build process took about an hour and was done weekly except during the few weeks prior to code freeze, when it was done daily.
- The deploy process took between two and a half to five hours depending on the machine and type of deploy, at least two machines were updated weekly and ten were done in a week prior to code freeze.
- 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 individual 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.
- Maintained a semi-automated deploy using **ANT** as a scripting method.

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DataPath, Inc. / Rockwell Collins – Installation Software Engineer, Duluth, GA (Jan 2008 to Jan 2011) (Rockwell Collins acquired DataPath in June 2009)

- 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**.
- Added new components and updated third party application versions in full installs as well as updated the third party application's versions using the update installs, done using InstallShield and InstallAnywhere.
- Maintained and developed a highly complex Windows Installs using InstallShield v9.

Install Solutions, Inc. – InstallShield Consultant, Roswell, GA (Dec 2000 to Aug 2003; Jan 2004 to Jan 2006; Jan 2007 to July 2007; Jan 2011 to Dec 2013)

- **ECD**, - 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.
- **Motorola**, - Created **Basic MSI** product suite installations based on extensive customer specifications using **IS v11** – with extended functionality using Custom Actions written in both InstallScript and VBScript. Installs performed heavy modifications to XML documents using XMLStarlet in batch processing. Employed unique technique for the Client install to run multiple times on the same machine to allow configuration of multiple vendors.
- **Witness Systems**, - 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**.
- **CMHC Systems**, - assumed authoring of script based MSI to resolve outstanding issues with MSDE InstallShield object manipulation.
- **SteelRay**, - script coded unique requirements to create Virtual Directories, IIS specifics, ISAPI Filters, Windows registry and InstallShield object manipulation. Extensive Merge Modules incorporated.
- **Earley** - integrated Borland DB Engine, Crystal Reports and Merge Modules for Sybase SQL Anywhere client to support installation requirements

PegaStaff Corp. – Atlanta GA (July 2007 to Jan 2008) - InstallShield Contractor assigned to **Siemens**.

- Maintained multiple **InstallScript MSI** based installs using **IS 2008**, and also created a setup to install the Database and Services components for use in situations where the full install is not needed and 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. – InstallShield Developer, Atlanta, GA (Jan 2006 to Jan 2007)

- Maintain multiple **Installscript MSI** based installs and 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.

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- Use **IS 11** to create a master install to launch multiple smaller installs silently, thus reducing the amount of time the user spends entering information and waiting during a multi-install on-site software deployment, and used **Microsoft Virtual Machine** to replicate defects in old installs so they can be fixed and integrated into the master install.

Adea Solutions, Inc. - Atlanta GA (Sept 2003 to Dec 2003) - InstallShield Contractor assigned to **Delta Air Lines**.

- Created **Basic MSI** packages from Commercial Off-the-Shelf software. Utilized AdminStudio's package suite, including RePackager and Tuner to create MSI packages, which were then tailored using **IS Developer 8.0** to strict Delta deployment standards.

Geac Computer Systems – Software Manufacturing Group, Atlanta, GA (Feb 2000 to Nov 2000)

- Maintained and enhanced 30 projects under **IS 5.5** and migrated 15 projects built with **IS 5.5** into event driven **IS 6.1** version, and created stand alone software installation package to support critical customer implementation of idsMAIL, which all customers will be installing. Utilized PVCS to retrieve and store project data.
- Worked with Geac's Distribution Group to create the Key Diskettes, necessary for a customer to install the software. Also rebuilt the Key Diskette Generator, the utility used to check which applications a customer owns so that a Key Diskette could be created.

EDUCATIONAL EXPERIENCE

Kennesaw State University – September 1997 to April 1998

Roswell High School – Graduated 1997 – GPA 3.1