**Dinesh Shakya**

E-mail-[dshakya777@gmail.com](mailto:dshakya777@gmail.com)

Phone-402) 957-1139

**Sr. Application Packager**

**Summary:**

* **6+years** of **Software Packaging Engineer** experience using **InstallShield Admin Studio 7/8.5/9.0/11.5, Wise Package Studio 7.0** - Expertise in **MSI technology** System Administration, Testing, Documentation, End-User support and Requirements gathering.
* **Repackaging MSI** based applications using **AdminStudio 9.0/10/11.5**, and **Wise Package Studio 7.0**
* Developing MSI application packages using **InstallShield Admin Studio 8.5/9.0/11.5, and Wise Package Studio 7.0 Professional**
* Experience in ,**Power shell Scripting,VB Scripting, Wise Scripting** for creating **Custom Actions** andVery good knowledge in **perl scripting**
* Deploying the packages using **SCCM 2007**
* Worked with **BBCA Tuner** for creating packages using Windows Installer and File Package
* Experience in **Windows Registry, File System, Services, Security**
* Experience on **MSI, Transforms, Merge Modules, and Patches**
* Working with **End-Users** and **Testers** to troubleshoot and debug applications and application issues
* Developed and debugged internal applications using **C programming**
* Knowledge in **Windows GPO and Active Directory**

**Technical Skills**

|  |  |
| --- | --- |
| **Packaging Tools** | **Wise Package Studio 7.0, and InstallShield AdminStudio 7/8.5/9.0/11.5** |
| **Deployment Tools & Others** | **SCCM 2007, SCCM 2012 and Altiris,** |
| **Virtualization Tools** | **VMware 6.0/6.5/7.0/8.0, Oracle VM VirtualBox, Microsoft Virtual PC 2004** |
| **Debugging Tools** | **FileMon, RegMon, Beyond Compare, SMS Trace** |
| **Languages** | SQL, HTML, JavaScript**, Wise Script, and VBScript,**  C, XML,Powershell Scripting and batch scripting |
| **Database** | Microsoft SQL Server, Oracle 8i/9i/10g and MS Access |
| **Operation Systems** | **Windows NT, Windows Server, XP, Vista, Window 7,8** |

**Work Experience**

**State of Maine**

**Augusta, ME Sep 2013 – Present**

**Sr. Application Packager**

**Responsibilities**

* Have to build up the Application Packaging environment for Windows 7 migration project.
* Have to create preliminary packaging guideline documentation and setup the standards for client based on Application Packaging Best Practice.
* Have to create Application Compatibility Testing Process using VMWare 10 for window 7 32-bit and 64 bit through collection in SCCM 2007.
* OS upgrade by task Sequencing in SCCM 2007 and creating Images.
* Have used SCCM 2007 as the basic tool for packaging and deployment using Power shell Scripting command line for silent pushing.
* Checking Advertisement status of pushing the application packager and Report generate of silent installation
* Making Automated Software Packages and Deployment for home application and vender specific application like Abode ,MS using MSI files
* Have used AdminStudio tool Tuner for adding to, modify, or remove information from a Windows Installer package, which involves creating Transform file.
* Used Tuner to configure the initial state of features, add or remove files from an installation, edit registry entries, configure setup properties, set Add/Remove Programs options, and configure servers for application resiliency.
* Repackaging Wizard is used to capture and convert non-windows installer application to windows installer application.
* Distribution Wizard is used to deploy application to machines through Network Location or SCCM 2007 for testing purpose or UAT deployment.
* Responsible for creating ThinApp packages using InstallShield 2012 Spring.
* Responsible for writing and developing Power shell scripting for different custom actions using Notepad++.
* Testing packages in windows environment using virtual PC.

**Environment:** SCCM 2007/2012, Windows XP, Windows 7, Flexera AdminStudio 11.5 SP1,Powershell Scripting, icommand,VB Script, ORCA, ProcMon.

**Volkswagen**

**Chicago, IL Feb2013 – Aug 2013**

**Sr. Application Packager**

**Responsibilities**

* Have to build up the Application Packaging environment for Windows 7 migration project.
* Have to create preliminary packaging guideline documentation and setup the standards for client based on Application Packaging Best Practice.
* Have to create Application Compatibility Testing Process document for client.
* Have used Flexera AdminStudio 11.5 SP1 as the basic tool for packaging.
* Have used AdminStudio tool Application Manager for Compatibility Testing.
* Have used AdminStudio tool Application Manager Catalog to create application list and generate various reports from Report Center.
* Responsible for integrating AdminStudio tool Application Manager with SCCM 2012, for the ease of application deployment.
* Have used AdminStudio tool Tuner for adding to, modify, or remove information from a Windows Installer package, which involves creating Transform file.
* Used Tuner to configure the initial state of features, add or remove files from an installation, edit registry entries, configure setup properties, set Add/Remove Programs options, and configure servers for application resiliency.
* Repackaging Wizard is used to capture and convert non-windows installer application to windows installer application.
* Distribution Wizard is used to deploy application to machines through Network Location or SCCM 2012 for testing purpose or UAT deployment.
* Responsible for creating ThinApp packages using InstallShield 2012 Spring.
* Responsible for writing and developing VBS for different custom actions using Notepad++.
* Testing packages in windows environment using virtual PC.

**Environment:** SCCM 2007/2012, Windows XP, Windows 7, FlexeraAdminStudio 11.5 SP1, icommand,VB Script, ORCA, ProcMon.

**Peabody**

**St Louis, MO May 2012- Dec 2012**

**Sr. Application Packager**

**Responsibilities**

* Had to build up the environment for packaging.
* Had to do preliminary packaging guideline documentation and setup the standards for the team.
* Have used Flexera AdminStudio 11.5 SP1 as the basic tool for packaging.
* Have used instead, ORCA, ProcMon, 7-zip to find errors and resolve it.
* Used Notepad++ for developing scripts.
* Have to write various VB scripts for copying files to windows directories, temp foldrs, and modifying registries.
* Have to modify vendor MSI, created MST using InstallShield, and edited tables, created components.
* Created custom actions in MST for giving folder permission, user permission.
* Wrote various custom actions in VBScripts.
* Have been working on windows migration.
* Deploying application with SCCM2007
* Creating packages, collection and advertisement in SCCM.
* Running report in SCCM about the application.
* Testing packages in windows systems using virtual PC.
* Have to do requirement gathering for vendor applications and In-house applications, contact them in regular basis for information gathering.

**Environment:**Windows XP, FlexeraInstallShield and Admin Studio, Oracle VM VirtualBox, VB Script, Using Quest AOK tool

##### Bunge

##### St Louis, MO Oct 2011-Apr 2012

##### Application Packager

##### Responsibilities

* **InstallShield Admin Studio 8.5** to repackage the application packages and to take the snapshot of the pre-install and post-install and capture the changes for **XP**
* Created the Windows Installer setup packages (.MSI) using Admin Studio
* Created Transforms (MST) against vendor provided MSI applications, according to the package requirement
* Used **VB Scripts** to make the applications work
* Used Filemon and Regmon tools for monitoring the files and registry keys accessed by the application, as part of troubleshooting
* Used **VMWare** to build desktop and server workstations
* Created custom actions with in MSI to make the applications work according to the company standards
* Tested the applications in the Lockdown environment before sending the application to QA
* Documented the steps and procedures for all the applications

**Environment:** Admin Studio 8.5, Windows XP, VB Script, VMware 4.1

##### Scottrade

##### St Louis, MO Dec 2010-Aug 2011

##### Packaging Engineer

##### Responsibilities

* Worked with **Wise Package Studio** to repackage, build the application packages for XP and Vista
* Created MST by providing MSI and put them in a script (.wse) and build wrapper (.exe) as a final out put
* Created workstation build records using **VMware** and we build the packages on VMware
* Certify the software for the packaging requests using Pfizer Verification Component
* Created **Packages** and push to Test Workstations for SCCM Test
* Testing packages in different windows systems by using VMWare
* We support all Pfizer vendors worldwide and work with production issues
* Test and certify multiple packaged applications
* Used Windows Script, Wise Script, VB Script for Custom actions
* Analyzed and customized (packaged) multiple applications
* Edited Tables, Created Components, and Created MSI’s in Wise for Windows Installer

**Environment:** Wise Package Studio 8, VMWare 4.1, SCCM, VB Script and Wise Script

##### Progressive

##### Cleveland, OH Mar 2009-Oct 2010

##### Packaging Engineer

##### Responsibilities

* Used Wise Package Studio 7.0 Professional and InstallShield Admin Studio 9.0 to repackage the application packages and to take the snapshot of the pre-install and post-install and capture the changes for XP and Vista
* Created the Windows Installer setup packages (.MSI) using Admin Studio, and Wise Packaging Studio
* Created Transforms (MST) against vendor provided MSI applications, according to the package requirement
* Written Windows Scripts, Wise Scripts and VB Scripts to make the applications work and to meet the company standards
* Used Filemon and Regmon tools for monitoring the files and registry keys accessed by the application, as part of troubleshooting
* Deployed the packages to the stores using iCommand Center and monitored the registers using VNC (Virtual Network Computing)
* Used VMWare to build desktop and server workstations
* Using RemoteWare Server created, deployed the packages on server and monitored using different tools Work Object Editor, Schedule Manager, Session Editor, Log Viewer, and Network Status
* Updates and Monitoring store registers, controllers and web PCs remotely using Ericom Software to make sure the packages installed properly
* Created custom actions with in MSI to make the applications work according to the company standards
* Tested the applications in the Lockdown environment before sending the application to QA
* Documented the steps and procedures for all the applications

**Environment:** Wise Package Studio 7.0, Windows XP, Windows Vista, VB Script, Wise Script, VMWare3.5, iCommand Center, and RemoteWare Server

##### Organon

##### New JersyJan 2007- Feb 2009

##### Packaging Engineer

##### Responsibilities

* Co-ordination with application owners and requirement collection
* Technical review: Initial Review of the application packages to build the appropriate solution on XP Platform
* Used Admin Studio to repackage, build the application packages
* Building the package as per customer specification and testing in lab environment
* Creation of transforms And\or Scripts as per the request for hardware related packages
* Responsible for Package Integration Testing (PIT) Process before Package Validation
* Working with team and managed difficult packages
* Assisting the customer for validation and testing the packages
* Working on Service Tickets for Package Issues and Production Issues
* Rectifying the issues by making effective use of Debugging tool like Filemon and Regmon to find files and registry keys that need modified rights to be added to the application package so that the application will function properly for the users
* Developed and debugged internal applications using **C programming**

**Environment:** AdminStudio 8.5, Windows XP, VB Script, File Mon, and Reg Mon

**Education:**

Master of Science in Computer Information System- Bellevue University 2008

Bachelor of Engineering in Information System- PokharaUniverity 2005