**Suresh Kumar Padmanabhan**

**Professional Summary**

* 15 years of software industry experience in Release and build engineering, Configuration, System design & development, Release management, for effective delivery of Projects, primarily in the Banking and Finance industry.
* Worked extensively with Data Center Automation tools like BladeLogic Server Automation, HP-Server Automation, SCCM, Wise Package Studio, and Install Shield Admin Studio.
* Experienced in build continuous integration tools like SSP, WIX, Jenkins; versioning tools like Perforce, Sub Version, GIT, and VSS
* Experience in large scale Enterprise Environment; managed release activities on ~33,000 servers in all environments from DEV, SAT, UAT, PROD and DR.
* Experienced in planning and coordinating cross functional teams during the release phases.
* Good knowledge on issue/problem reporting or managing systems like ServiceNow, HP Service Center, Remedy, JIRA, AIM, SharePoint WIKI, and Request.
* Focused to meet business expectation (SLA, KPI) and generate reports for senior management on monthly basis.
* Ability to work independently and/or with teams and manage business needs with a delivery focused work approach.

**Data center Automation and Packaging experience**

* Coordinated and managed upgrade of HPSA, BladeLogic and satellite infrastructure.
* Actively involved in configuration, upgrading, trouble shooting, performance tuning, deploy, and RBAC Administration.
* Created complex and multi-platform supported BLPackages, NSH Scripts, Jobs, Snapshots, and Audits.
* Instrumental in building and supporting “SSP - Self Service Packaging and deployment” CLI’s using BladeLogic Web API’s and Python 2.8. (Build continues integration tool developed in Python). Developed using best practices from Scrum and Agile model.
* Involved in propagating SSP CLI’s to In-House application development team.
* Remediated NetCool alerts via NSH script;implemented estate wide infrastructure patching.
* Supported BL agent over 33,000 servers (RHEL, Solaris, AIX, and HP-UX) etc…
* Created housekeeping jobs to enhance BladeLogic infrastructure HA.
* Performedregular application maintenance, stress test, disaster recovery tests, audits, and compliance.
* Architecting software/RPM packaging frameworks and defining corporate packaging standards, workflows for packaging, QA, verification procedures, and deployment strategies for application teams

**Technical Skills**

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| --- | --- |
| Automation Tool | BMC BladeLogic Server Automation 8.x, NSH, HP SA 9.x, SCCM 2007, Wise Package Studio, Install Shield Admin Studio |
| Operating System | Linux, Solaris, Windows |
| Scripting Languages | VB Scripting, Python 2.8, Shell, Bash, ASP |
| Database | Oracle 11g, SQL, PL-SQL |
| Other Tools | RPM, RHN, WinSCP, SFTP, ORCA, WIX, Putty, Notepad++, JIRA, Microsoft Sharepoint 2007/2010, WIKI, ServiceNow, HP Service Center, Remedy, JIRA, AIM, SharePoint WIKI, and Request. |

**Professional Certifications/ Course**

* Chef Server Automation, foundation course – 2014
* AIX system administration, foundation course – 2014
* Red Hat, foundation course – 2011
* **ITIL version 3** Foundational Certification - 2009
* Microsoft Certified Solution Developer (**MCSD**) – 2005

**Qualification**

* **Bachelor of Business Administration** – University of Madras, INDIA – Sep 1997 to June 2000
* Advance Diploma in Software Engineering **ADSE(H)** - Aptech computer education, INDIA – Aug 1996 to Oct 2000

**Work experience**

**Client: Barclays Capital, Piscataway, NJ, USA Jan 2011 – Till date**

**Job Title:** Build and Release Engineering –(DevOps)

**Project:** UNIX Server Automation/ Global Packaging and Deployment

**Responsibilities:**

* Being part of Global Team, my role is to manage AMER region, this includes managing BladeLogic, SSP, and YUM infrastructure related incidents / escalation during AMER shift.
* Automate/ support BLPackage and deploy entire Linux estate (33,000 Servers- UNIX, Linux, AIX, Solaris)
* Generate estate compliance scan reports and build remediation jobs to close audit findings/ breaches.
* Created NSH scripts to support build automation via BL job
* Designed, Developed and supported “Self Service Packaging” CLI’s in Python 2.8, Oracle 11g.
* RPM packaging and supported YUM infra. Created more than 400 RPM’s.
* Managed migration from HPSA to BladeLogic and decommissioned HPSA infrastructure.
* Created auto remediation tool in Python 2.8, BladeLogic API, and Oracle 11g. This tool calls BL Job to remediate system events. Effective in saving ~7 man hours/ per day. This job runs as a process; reads netcool events and fix the errors (TSM agent restart, fix standard TSM errors, logrotation errors, etc)
* Created BL-job to deploy application to entire Unix/ Linux estate (Galaxy, Ganglia, Nimbus, mTree, Oracle feature enable)
* Release manager for Integrated and Independent releases.
* Experienced in ITIL Incident/change management process. (Remedy, ServiceNow, HPSC)

**Environments**: UNIX, Linux, Solaris, AIX, Windows

**Languages**: Python, UNIX Shell Scripting, VB Scripting, NSH Scripting

**Tools**: BladeLogic, HPSA, Oracle 11g, RPM, RHN, WinSCP, SFTP, WIX, Putty, Notepad++, ServiceNow, JIRA, SharePoint WIKI, and Request.

**Client: Barclays Capital, Singapore Jan 2009 to Dec 2010**

**Job Title: Analyst**

**Project: Managing HP Server Automation and HPOO**

**Responsibilities:**

* Managing and supporting HP Server Automation and HP OO toolset which is used to manage ~15,000 Linux and Solaris servers in a multi master Mesh environment
* Automating VM build process using HPOO server orchestration tool
* Installing and Maintaining HPSA Satellite servers in Hong Kong, Tokyo, Johannesburg and Geneva Data Center for better resiliency
* Creating Device Groups and Managing servers with Opsware - Global File System (OGFS)
* Managing Audit, Software and Patch Policies via HPSA and ensuring Compliance.
* Audit and Compliance report generation through Server Automation Reporter
* Managing User Permissions, Setting and delegation folder permissions
* Ensuring availability of HP Server Automation agents on 15000 clients
* Scripting the migration from Opsware to HPSA andcoordinate decommission of Opsware infrastructure

**Environments**: UNIX, Linux, Solaris, Windows

**Languages**: Python, UNIX Shell Scripting, VB Scripting

**Tools**: HPSA, Oracle 10, RPM, RHN, WinSCP, SFTP, WIX, Putty, HP Service Center, JIRA, SharePoint WIKI, and Request.

**Client: Barclays Capital, Singapore Oct 2007 to Dec 2009**

**Job Title: Project Lead**

**Project: Windows Packaging team**

**Responsibilities:**

* Subject matter expertise in release engineering.
* Repackage applications using Install Shield Admin Studio 8.0 adhering to Bank Release Management standards.
* The role included identifying solutions to packaging related problems on various issues involving Device Drivers, writing custom actions using VB Script.
* Created/ QA’d 500+ MSI packages.
* Specialist in Device Drivers and Kernel Services
* Developed tool for Quality Assurance (QA) in VB 6.0
* Developed VB based transform injector tool to expedite MSI repackaging process.

**Environments**: Windows XP/ Windows Server 2000

**Languages**: VB 6.0, VB Scripting, PL SQL

**Tools**: SCCM 2007, Wise Package Studio, Install Shield Admin Studio, WIX, HP Service Center, JIRA, SharePoint WIKI, ORCA, VM Ware, VM Center, Desktop-Share, Norton Ghost, beyond compare, and Remedy.

**Client: Barclays Capital, Singapore Feb 2007 to Oct 2009**

**Employer: Mphasis Pte Ltd an EDS company, Singapore**

**Job Title: Project Lead**

**Project: Windows Packaging team**

**Responsibilities:**

* Subject matter expertise in release engineering.
* Repackage applications using Install Shield Admin Studio 8.0 adhering to Bank Release Management standards.
* The role included identifying solutions to packaging related problems on various issues involving Device Drivers, writing custom actions using VB Script.
* Specialist in Device Drivers and Kernel Services

**Environments**: Windows XP/ Windows Server 2000

**Languages**: VB 6.0, VB Scripting

**Tools**: Wise Package Studio, Install Shield Admin Studio, SMS, WIX, HP Service Center, JIRA, SharePoint WIKI, ORCA, VM Ware, VM Center, Norton Ghost, beyond compare, and Remedy.

**Client: Deutsche Bank, Singapore Dec 2005 to Feb 2007**

**Job Title: MSI Consultant**

**Project: COAST Project**

**Responsibilities:**

* Extending support in Release Management; Application packaging and deployment
* Adhering to Deutsche Bank Release Management standards. Creating MSI, MST
* Created Deployment scripts in VB; support SMS deployment
* Problem Solver, identifying solutions to packaging related problems.
* Specialist in Device Drivers and Kernel Services
* Developed Quality Assurance (QA) tool in VB 6.0

**Environments**: Windows XP/ Windows Server 2000

**Languages**: VB 6.0, VB Scripting, PL SQL

**Tools**: SMS, Wise Package Studio, Install Shield Admin Studio, SharePoint, ORCA, VM Ware, Norton Ghost, and beyond compare