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| --- | --- | --- | --- | --- | --- |
| **Name** | | **Dipayan Mallick** | | | |
| **Present Position** | | Manager – Service Delivery, MLEU, CIS, CTS | | | |
| An “**RHCE**” and "**Google Certified Associate Cloud Engineer**" with good knowledge on “**Kubernetes Administration**”. A strongly skilled and experienced **Linux and Datacentre** consultant with **14** years of experience in managing multisite Datacentres in Europe and US with proficiency in Shell Scripting, DevOps Tool and Puppet Automation, Server Operation, VMWare Virtualization.  Total **3** years of experience as **Onsite Build Engineer** for Linux Tower in Client location in **Netherlands**.  Core Competencies include   * **Linux** System Administration, * **Container Orchestration** using **Kubernetes** for managing Application Deployments, Multi node cluster and pods, RBAC and Network policies and Security * Implementation of **Kubernetes on GKE** and implementation of **Istio as Service Mesh on Anthos** hybrid cloud environment * DevOps based Operation using **Puppet, Git**, * **RedHat Satellite Administration** * **Familiarity with Google Cloud Operation** * Deep Analysis of Incident data, **3L5Y Root Cause Analysis** * **Intelligent Task Automation**, Script based Automation using tools like Ayehu, Service Now Flow Designer, * Set-up and manage the **Unix Engineering** and Research function for upskilling (training & deployment), solution reviews, assessments, providing crit-sit management across the portfolio of DevOps & Unix teams * **Risk Management, Business Continuity Planning and External Audit handling** | | | | | |
| **Primary Expertise** | | **Technology & Tools** | | **Qualifications** | Client List |
| * Linux Administration * Shell Scripting * Data Analysis * Kubernetes Administration * LAMP | | * RHEL, UBUNTU * Puppet, Git * RedHat Satellite * Cloud Storage, Cloud Administration * Openstack Private Cloud | | * B. Sc. Physics (Hons) | * NNIP Netherlands * John Deere * Vodafone-Ziggo * ING Investment Management |

**Professional Experience**

**Project Name: -** John Deere Server & Storage

**Role: -** Unix SME and Team Lead

**Period: -** May 2017 to till date

**Location: -** India

# **Transition and** **Migration of EOL Linux System.**

* Migrated 1300 of EOL servers from RHEL 6 to 7 with build automation using Puppet and Satellite
* Implementation, configuration and troubleshooting of Linux Environment
* Automation of Task and Incident resolution using Ayehu and Service Now Orchestration.
* Backup and Disaster Recovery / Business Continuity architectures and best practices for virtualized environments.
* Provide design features & components to business requirements (functional, on-functional, RTO, RPO)
* Responsible for having Zero Non-Compliance in SSAE Type 2 external Audit and maintaining CIS Benchmark for server hardening
* Manage RedHat Satellite Servers for Linux Life Cycle Management

**Project Name: -** Ziggo DC Support

**Role : -** Unix SME and Team Lead

**Period : -** Oct 2015 to Apr 2017

**Location : -** Den Haag, Netherlands

* + OS Management (RHEL, Solaris and Ubuntu) for 1200 Servers
  + Creation of project specific new build for RHEL 6 environment via Satellite and Puppet on different Hardware Platform like HP/Dell
  + System Fault Tolerance Design, Business continuity and Disaster recovery planning.
  + Performance tuning for **Oracle RAC** and Grid Servers
  + Incident Management, Problem Management, Change Management from OS perspective
  + Preparation of Audit report for Unix tower for **SOX compliancy**
  + Co-ordinate replacement of faulty hardware

**Project Name: -** NNIP Infra Support

**Role : -** Team Lead and Onsite Engineer

**Period : -** Nov 2010 – Sept 2015

**Location : -** Den Haag, Netherlands

* + End to end coordination for RHEL Server and Patch Management Process for 500 servers. This includes Pre-Patching activity like listing of latest Erratas applicable to the environment as available on RHN and Post-Patching validation via Spacewalk and **CFEngine** Server.
  + Listing CVE’s applicable for the environment and identification of patches/Erratas applicable for the CVE’s.
  + Responsible of maintaining ITIL Processes including Patch management, Change Management, Incident management for linux Technology Tower.
  + Updation of RHEL Built to incorporate newly released patches in the image of Linux servers (Physical/VM), via automated script, to make new servers come as fully patched.
  + Implementation **CSI Benchmark** for Security (Operation and Security Guideline) of RHEL 5/6 Environment and creation of Built script in compliance with CSI Benchmark
  + Backup / restoration of VMs (Snapshot)
  + Implementation of NFS share On Netapp and linux nfs client configuration
  + **Performance Tuning** of Linux kernel for Oracle Database

**March 2007 – Oct 2010 Open Source Software Solutions**

**Role:** System Engineer

**Project:** Musicianlink.com

* Implementation of **LAMP** Platform for **Drupal** 6.0
* Troubleshooting technical issues as and when required along OS process monitoring
* Implementation Apache webserver integrated with **Debian** 5.0
* Troubleshooting technical issues as and when required.
* Database management and replication implementation,