SUDHAN V.N

SN

CONTACT

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🔗 **Sudhan-LinkedIn**

PRIMARY SKILLS

- **Ansible – (Automation Platform)**
- **Bash/Python Script**
- **Cloud (AWS, AZ, GC)**
- **Linux/Unix**
- **PowerShell**
- **SonarQube**
- **Terraform**
- **PSQL**
- **Oracle**
- **VMware**
- **CI/CD**
- **Investigation & Troubleshooting**
- **Version controlling (Bitbucket, GitHub)**
- **Jenkins**
- **Docker**
- **Kubernetes**

PROFESSIONAL SUMMARY:

DevOps and Ansible Automation Engineer with over 9+ years of experience in designing and implementing robust automation solutions. Proficient in streamlining software development processes, optimizing infrastructure, and driving continuous improvement. Passionate about leveraging technology to enhance operational efficiency and deliver high-quality results.

EDUCATION

M.A.M College of engineering, Trichy   **[2010] – [2013]**
[B.E (electronics communication engineering) with aggregate of 7.429 CGPA (scale 10.0)]

M.I.E.T Polytechnic College Trichy   **[2007] – [2010]**
Diploma with aggregate of 93%

WORK EXPERIENCE

Quess Corp PTE Limited   **[Jun 2023]–[Till Date]**
Client: RHB Bank SG
Designation: DevOps Engineer/Automation Engineer

- Streamlined data collection and reporting processes for application teams, saving an average of 15 hours per week and ensuring accurate and up-to-date consolidated VA sheets.
- Collaborated closely with the application team to identify and rectify vulnerabilities, demonstrating a proactive approach to enhancing system security.
- Showcased the automation strategy using Ansible and Python to the management team, highlighting the efficiency gains achieved in the IT infrastructure.
- Designed and implemented an automation solution using Python, transforming the manual steps into an efficient, containerized process deployed in a Docker container.
- Implemented automation for SSL certificate CSR (Certificate Signing Request) creation, resulting in a time savings of approximately 10 minutes per application.
- Created the pipeline in Jenkins build the application with Testing tool (Maven.MSbuild) and triggered the Ansible to deployed the application in appropriate environment server.
- Used Jfrog to maintain the app artifact and images.

HCL Technical Specialist   **[JUL 2021]–[Jun 2023]**
Project: Nordea Banking
Designation: Automation Engineer|DevOps Support

- Based upon the client requirements, develop the automation/CICD pipeline by using following DevOps tools: Jenkins, SonarQube, Ansible, Bash, Python, JSON, API, JINJA2, terraform and PowerShell.
- Implemented Vulnerability process automation project in different scenarios for Vulnerability Team by using ansible, python, Jinja2.
- Completed the task based on Agile Methodology.
- Develop custom ansible module by using python.
- Developed Ansible roles for various user management use-cases
- Analyzing the existing automation issues and fix the bugs in code.
- Worked in major projects migrated the resources from AWX to AAP platform by using IAC method.
- Integrating different application platform for end-to-end automation Using RESTAPI.
- Created the PODMAN/DOCKER container images based upon application requirements
- Used Jfrog artifactory for maintaining the PODMAN/DOCKER latest images
- Delivered the project on time to client and co-ordinate with other team and created the automation workflow for them by using python & ansible
- Created Bamboo built plan and trigger the ansible playbook in DevOps Function
- Troubleshoot the server issue and worked operational Task.
- Mitigated the Vulnerability for monthly basis to our server and application end.

TCS - IT Analyst   **[JUL 2019]– [JUN 2021]**
Project – Belk, Aldo, NG, 99cents

- Configuration management for all Linux server (on premise and AZURE Cloud) by using ansible automation
- creating multiple roles for automate the task for Linux servers
- Deploy the EC2 in Aws and Azure by using Terraform code
- Given support to AWS & Azure Linux instance
- On time performed the security patching in Linux and AIX servers
- Configured NFS on both server and client.
- Configured web server
- Analyzing the server performance and tuning kernel the parameter as per application request.
- Writing shell script & python scripting to perform daily task.
- Worked on Administration of IBM WebSphere Application Servers
- Deployed various WAR, JAR, EAR applications in by using Jenkins tool with different environment.
- Worked on Multiple Technologies in Middleware like WebLogic, WebSphere, MQ and IHS
- Provided extensive support in code deploy, change management, and application-level troubleshooting for the Dev, Test, Pre-Prod & Production environment

APPLICATION TOOLS:

- AAP (Ansible Automation Platform)
- SNC (service now)
- Jira
- Jfrog Nexus artifactory
- Helix
- Bamboo
- Grafana
- Cosmos
- ITSSP
- Vcenter
- Tivoli
- Putty
- SolarWinds
- SAP BO tool
- Nagios
- Commvault
- Dynatrace

GITHUB-LINKS:

- Sudhan-GitHub

- Remediating TLS related Vulnerabilities and Coordinate with other app team for SSL Certificate Vulnerabilities.

IFF   System Engineer   **[Aug 2017] – [Jun 2019]**
Project - Computer Operations

- Shared service with Cloud team (In AWS Associate level of work)
- Depends upon the application requirement built the new virtual servers (Linux & Windows) as well as physical servers.
- Yum configurations
- LVM storage management
- User management & group management
- Root password break
- Writing scripts to monitor the Linux servers in SolarWinds.
- Writing scripts to automate some daily tasks.
- Commvault installation in Linux servers
- Security Patching the Linux system and co-ordinate to application team to fix the vulnerability issue.
- Integrated the Linux server with AD servers.
- Built the ESXi6.5 servers & configuring the data storage.
- Cluster configuration in Vcenter.
- Scheduling the Jobs in TWS
- Deployment the code in servers.

Flextronics Ltd   **[May 2014]- [July 2017]**
Associate Engineer

- Monitoring the 10k production servers using Nagios view.
- Configuring Server\services under monitoring with the help of Nagios 4.1 version.
- Configuring\troubleshooting alert parameters for CPU, Disk, Memory, Availability, Services and
- Processes and Event Logs, server's uptime.
- Configuring Application under monitoring- SQL, Oracle, BAAN, Storage, URL monitoring.
- Installed the plugins in different servers for monitoring purpose.
- Monitoring the switches, hub, and routers, cctv, printers by using dude monitoring tool.
- Scheduling downtime for the server and its services associated to avoid alerts during
- Handling the change management process.
- Handling the ticket &requests with the help of SNOW tool, create a priority ticket in case of any device got failed in Penang sites. Configure the job stream engines in Tivoli

  Monitoring production related Tivoli jobs

DECLARATION

I hereby declare that the above-mentioned details are true of the best of my knowledge and belief