

# AJAY VILAS AWARE

IT Professional with 16 years of experience and 10 yrs in DevOps with autoscaling, security policies, service mesh, backup and disaster recovery, monitoring and logging, storage, networking, developing CI/CD pipelines and leading teams of junior engineers. Proven track record in improving system performance, reducing deployment time and automating operational tasks to improve team productivity. Adapt at researching and evaluating new technologies to reduce operational costs and improve system uptime.

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## Skills and Competencies: -

- **Operating systems** - RHEL, Debian, Solaris 10.
- **Containerization** - Docker and Kubernetes
- **Automation tools** - Ansible, Jenkins, Confluence , Jira, Helm Chart, Visual Studio and Git
- **Monitoring** - Nagios, Grafana and Prometheus.
- **Scripting Language** - Shell, Yaml, Groovy and Python
- **Cloud and Virtualization** - AWS, OCI and ESXI

## Work Experience

**Company: Persistent System Ltd.**, Hinjewadi, Pune

Designation: **Project lead**

Duration: April 2022 ~ Till Date

### **Job Responsibility:**

- Working for a Telecon Project under DevOps/Engineering team to automate Day-to-Day tasks.
- Playbooks written for deployments of tools and to perform testing after deployments.
- Writing shell/python script for few dedicated server which will run according to servers requirements.
- Stages/Pipelines written in groovy for executing playbooks or shell scripts to automate jobs via Jenkins.
- Python scripts to manage AWS instances, such as powering them up and powering down AWS instances are used as back servers in case of an application upgrade.
- Creating and managing storage in Kubernetes for namespaces.
- Managing Kubernetes Cluster like adding and removing nodes over it.
- Upgrading K8s cluster to newer version.
- Providing access to developers over K8s cluster via kubeconfig files.
- Managing access of user via Role, Clusterrole and binding them to groups.
- Updating environments and redeploying of sets, deployments and services.
- Process and Design Documentation in Confluence.
- Creating RP's and DOAS in Jira for self before starting any tasks provided by customer.
- Monitoring and troubleshooting with performance like issues on servers.
- Adding server and their services to Grafana for monitoring purposes.
- Deploying new servers/instances using Terraform over AWS and OCI.

### **Projects:**

- Using Ansible, Jenkins, Python, Shell and AWS automated the Client propriety software upgrade process, which was taking 14-16 hrs earlier and needed constant monitoring by NOC. Now it takes 4-6 hrs and does not require constant monitoring. Result will be provided in E-Mail and displayed on webpage to NOC.
- In case above job fails at any stage a PD is generated to our team member who is in shift or On-call during that period.
- Used Python Flask to display the current upgrade "Task -in-Progress" of Application upgrade on a webpage for NOC team who are scheduling the upgrade from another tool but don't have access on Jenkins. So if a job is successful, they see "Success" message and if its "Failed" they provide us the "Task" where the job is failed. Then we take over from there.
- Upgrade Infra from CentOS 7 to OEL8 using leap tools.

**Company: Atos Global IT Solutions and Services Pvt. Ltd.** Talwade, Pune

Designation: **Senior Consultant**

Duration: June 2016 ~ April 2022

**Job Responsibility:**

- Ansible tower setup performed and then handed over to BAU with training.
- Integrated Docker, Gitlab, Visual Studio Code and Ansible engine for developers.Coordinated with DB, Application, etc teams for gathering the requirements and then providing solutions as per cost dependency.
- Created and updated multiple Ansible playbooks, roles and templates to bring automation for day-to-day activities. Automation via Playbooks and scripting.
- Building new infrastructure on Nutanix clusters and HPE Hardware
- Troubleshooting hardware and clusters software issues and engaging in call with providers.
- Executing Jobs using Jenkins tools which are managed and created via VSC.
- Onsite in Berlin for 21 days for training. Implemented ELK server for collecting of JAVA, DB and System Logs. Finished the task 3 months earlier during training period only, which was supposed to start after a month.

**Company: Paladion Networks Pvt Ltd.,** Mahape, Mumbai(Acquired by Atos in 2020)

Designation: **Deputy Manager Technical Support**

Duration: January 2014 ~ June 2016

**Job Responsibility:**

- Installing and managing propriety software's of Paladion on infrastructure.
- Managing disk, LVM and zfs space on servers.
- Oracle server 11g and Oracle client installation on RHEL servers and managing the oracle server instance.
- Created scripts for Oracle management like(startup, shutdown, Database file rotation) and day to day tasks.

**Projects:**

- Setup of FAT (Factory Acceptance Test) setup in-house with Rack, Blade servers, 1000TB DAS(HP D6000 storage) and C7000 HP enclosures, along with 10KVA APCUPS.
- After successful FAT signoff responsible to ship the whole setup to customers premises in another state.
- Prepared the setup onsite for OSAT (Operational Site Acceptance Test).

**Company: Paxterra Software Solutions Pvt Ltd.,** Kormangala, Bangalore(Acquired by Terralogic Inc)

Designation: **System Administrator RL2**

Duration: April 2011 ~ September 2013

**Company: Onward e Services Ltd., SEEPZ, Mumbai**

Designation: **Software Engineer**

Duration: April 2010 ~ March 2011

**Company: Logix Infosecurity Pvt. Ltd., MBP, Navi Mumbai**

Designation: **UNIX System Engineer**

Duration: January 2008 ~ August 2009

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**Achievements: -**

- Received appreciation from Customer and Awarded for same by Persistent
- Received appreciation from Customer and Awarded for same by Atos
- Received appreciation from Customer and Awarded for same by Paladion
- Appreciated and Awarded by Customer of Onwards

**Qualification(s)**

Bachelor of Commerce – Mumbai University

**PERSONAL DETAILS**

Sex : Male  
Marital status : Married.