Domain	24/7 Support Services
Location	Canada

VALUEADD SOFTTECH & SYSTEMS PVT. LTD.

Objective

Deploying infrastructure in AWS for SAP Business One and automating deployment of SAP Business One with MS SQL, and HANA database for development and production environments.

CASE STUDY

Scope

- Set up CI/CD pipeline for deploying Business One with MSSQL & HANA database using Jenkins.
- Setting up Jenkins job to spin up dev environments for SAP B1 with MS SQL and HANA database.
- Enable developer self-sufficiency through Jenkins jobs.
- Setting up a compatibility matrix through Jenkins jobs to support various versions of SAP B1.
- Document automation workflows
- RBAC-based control

Value Added

- Environments provision quickly, boosting speed and agility
- Streamlined processes enhance decision-making with real-time insights.
- Flexible planning eliminates guesswork by only provisioning necessary resources.
- Deployment automation reduces support tickets for Dev/Demo environments
- Developers can independently deploy machines, enhancing their empowerment

Solution

- ✓ Developed a CI/CD pipeline using Jenkins for SAP Business One deployment.,
- ✓ Automated the provisioning of development environments to increase developer autonomy
- ✓ Implemented RBAC to ensure secure access control.

Frameworks & Tools

Jenkins Terraform SALTSTACK

amazon web services™ Microsoft SQL Server Microsoft Azure

SAP HANA BASH THE BOURNE-AGAIN SHELL

Windows Server DevOps