**RESUME**

**Aharon**

**MIDDLEWARE ADMINISTRATOR**

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| **PROFILE SUMMARY** |  | **WORK HISTORY** |
| * Having around 4+ years of experience in Installing, Configuring, Administrating and Troubleshooting **JBOSS EAP 6.X,7.X, Web Sphere Application Server 6.x/7.x/8.5,9.x WebLogic** on Linux and Windows environments. * Installing, Configuring and Administrating and troubleshooting of **JBoss 6.x ,7. x.** * Deployment of **JAR, WAR, EAR** and **RAR** files to **JBOSS** instances using web console and CLI * Extensive experience in Configuring **JDBC, JNDI** in **Jboss 6.x/7.x** and **WebLogic.** * Experience in Installing, Configuring **Apache Web Server**. * Integration of Apache Web Server with **JBoss** using **Mod\_jk, mod\_cluster plugins**. * Involved in building a clustered environment from scratch for both **vertical** and **horizontal** clusters to achieve high availability and Fail Over. * Setup Highly available clustered **JBoss Environment** using multiple Standalone instances and Domain managed servers. * Involved in **Master-Slave** configuration on different boxes on **JBoss** application server. * Experience in maintained Load Balancing, High Availability and Fail over functionality in clustered environment using Admin console in WebLogic, WLST scripts and through command line in **JBoss EAP.** * Experience in Domain Creation, configuring Machines and Node Managers in **WebLogic Development** and production Environments. * Experienced in setting up Jenkins for continuous integration and delivery (CI/CD). * Created and managed Jenkins pipelines for automated build and deployment. * Integrated Jenkins with Git, GitHub, Bitbucket, and other SCM tools. * Installation and setup of **Tomcat Servers**. Startup and Shutdown of Tomcat Servers. * Configuring and managing secured environments using **SSL** and digital certificates. * Configured **WebSpher**e Application Server in conjunction with IBM **DB2, Oracle**. * Deployment of **EAR & WAR files** in WebSphere and Network Deployment Manager. * Troubleshooting various problems in different stages of development using logs files. * Installed, configured and administration of **IBM HTTP Server.** * Configured and Implemented **Work Load Management (WLM)**, Failover mechanism using clustering techniques including horizontal and Vertical Clustering. * Configured the Application server to databases like **IBM DB2 & Oracle** and WebSphere resources including JDBC Providers, Data Sources, and **Connection Pooling.** * Monitored server performance using WebSphere logs and Performance Monitoring Infrastructure (PMI). * Supported **24/7** on call support for all environments. | Working as **Middleware Administrator** for **Siemens, Bangalore** From June2024 **to till Date**  **Quinnox**  **Mumbai From Mar-2022 to Mar-2024**  **Zensar Technologies From Nov-2020 to Feb-2022.** |
| **KEY SKILLS** |
| **Middleware Tools:**  Jboss 6.x,7.x, WebSphere  WebLogic, Tomcat  **WebServers:**  IBM HTTP Server, Apache Webserver  **Operating System:**  UNIX, Linux and Windows.  **Database:**  Oracle and DB2  **Scripting:**  Wsadmin, Shell Script  **Unix Tools:**  FTP, SSH, Putty, WinSCP, LDAP, HTTP/HTTPS  **Ticketing Tools:**  BMC Remedy, Service Now  **Other Tools:**  Jenkins, GIT, Terraform |
| **HIGHEST DEGREE** |
| Completed MBA from Vikrama Simhapuri University |

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| **PROJECT NO 1** | |
| **NAME** | **Alterna Bank** |
| **CLIENT** | **Alterna Bank, Canada** |
| **DURATION** | **June-2024 to Till date** |
| **ROLE** | **Middleware Administrator** |
| **TEAM SIZE** | **18** |

**DESCRIPTION**

Alterna Bank is a Canadian direct bank, The bank offers chequing and high-interest savings accounts and mortgages. The most customers access accounts using the bank's website, telephone service, and mobile apps.and Alterna Savings branches also administer deposits and loans on its behalf, to which the bank outsources most of its processes.

**RESPONSIBILITIES**

* Installed and Configured **JBoss** in different Linux and Windows servers on Dev, Stage and production Environments.
* Having good Experience in Deployment of **Web Applications & Enterprise Applications** using Java & J2EE in Tomcat **JBoss** server.
* **JBoss** Admin skilled in install, config, troubleshooting, tuning, and app deployment in production.
* Designed and implemented CI/CD pipelines using Jenkins to automate build, test, and deployment processes.
* Developed reusable **Terraform modules** to standardize and streamline deployments across environments.
* Performed Installation and Administration of **Red Hat Jboss / Apache**.
* In depth troubleshooting experience of a **JBoss Server application** in a J2EE context.
* Automate the administration of the application **run-time environment** wherever possible.
* Managed and Monitored the JVM performance by **Jboss** Apache Heap size, garbage collection JDBC pools.
* Tune **JBoss parameters** for optimal system performance.
* Integrated **Terraform workflows** into CI/CD pipelines for automated infrastructure deployment.
* Involved in the integrating part of **Apache web server** in front of **Jboss** Application Production support of various versions.
* Setup of Highly available **clustered Jboss environment** using multiple Standalone instances.
* Creation and maintenance of application servers with optimal configurations and data sources.
* Providing continuous monitoring, troubleshooting, historical and real time performance monitoring of the **JBOSS.**
* Develop and maintain UNIX scripts supporting the web administration function.
* Server performance Tuning - **Thread Dump** Analysis, **Core Dump** Analysis when server crashed unevenly.
* Applied Terraform plans to build and update infrastructure in development, staging, and production.
* Cluster configuration single cluster, **Multiple Clusters** and Deployments over Clusters.
* Managed Jenkins plugins and performed upgrades to maintain system stability and security.
* Applied **WebSphere** fix packs, patches, and performed version upgrades.
* Tuned **WebLogic JVM** settings and thread pools for optimal performance.
* Implemented **WebLogic clustering** for high availability and load balancing.
* Managed WebSphere profiles, nodes, and federated them into deployment manager cells.
* Integrated Maven with Jenkins for automated builds and deployments.
* Responsible for the applying different patches, **fix packs** for several servers.
* Performed backup and recovery of WebSphere configurations and application environments.
* Integrated WebSphere with IBM HTTP Server (IHS) and configured plugin-cfg.xml.
* Managed Jenkins nodes and distributed builds across slave machines.
* Implementation of Clustering for work load management and Failover that includes **Vertical** and **Horizontal Clustering.**
* Installed web and Enterprise applications in Servers, worked on trouble shooting the issues.

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| **PROJECT NO 2** | |
| **NAME** | **Harland Clarke steady state** |
| **CLIENT** | **Harland Clarke steady state** |
| **DURATION** | **Mar-2022 to Mar-2024** |
| **ROLE** | **Software Engineer** |
| **TEAM SIZE** | **11** |

**DESCRIPTION**

Harland Clarke delivers integrated payment solutions, marketing services, and retail products. Serving nearly 12,500 clients, it supports financial institutions, businesses, and consumers. The company operates nationwide with 3,700+ employees and multiple facilities. Headquartered in San Antonio, Texas, it partners with firms of all sizes across industries.

**RESPONSIBILITIES**

* Installation, configuration and maintenance of **JBoss EAP 6.x,7.x** and **Tomcat Apache 6.x/7.x** on Red hat Linux and windows.
* Installation, configuration and maintenance **Apache web server**.
* Tune **Tomcat/JBoss parameters** for optimal system performance.
* Involved in integrating the Apache with Jboss and **Tomcat server.**
* Setup the cluster environment to provide the failover and High Availability to applications.
* Creation and maintenance of Application **servers** with optimal configurations and data sources.
* Performing controlled deployments between development, quality assurance and production environments.
* Respond to **disk space / high CPU** alerts and take according to the issue.
* Used Collector Tool to gather information about installation and packages.
* Regularly Monitoring and capturing system log files.
* Regularly monitoring and capturing data of server **CPU, memory usage**.
* Configured **Jenkins jobs** for scheduled builds and test automation.
* Installed and managed **Jenkins** plugins to extend functionality.
* Automated testing using **Jenkins** to ensure code quality and reliability.
* Develop the clustering in standalone mode.
* Performed backup and recovery of Jenkins configurations and job histories.
* Created dashboards and reports for build status, test results, and deployment metrics.
* Deployed apps on **JBOSS** with **load balancing**, high availability, and server failover support.
* Troubleshooting and fixing of problems on **Jboss Application Server** and Web server.
* Analyzing the Log Files, **Thread Dumps** and **Heap Dump**.
* Performed backup and recovery of WebSphere configurations and application environments.
* Integrated WebSphere with IBM HTTP Server (IHS) and configured plugin-cfg.xml.
* Monitoring the error logs, fixing the problems and tuning parameters on **JBoss environment**.
* Involved in change management, performance monitoring, and application maintenance in **JBOSS.**
* Hands on experience configuration and support in Apache 2.2 Webserver.
* Integrated **Tomcat** with Apache HTTP Server using Mod\_jk and mod\_proxy.
* Coordinated with development teams to troubleshoot and resolve application deployment issues.
* Participated in 24/7 support for WebSphere environments in production and DR setups.

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| **PROJECT NO 3** | |
| **NAME** | **E. & J.-Gallo Managed Services** |
| **CLIENT** | **E. & J. Gallo Winery Ltd.** |
| **DURATION** | **Nov-2020 to Feb-2022** |
| **ROLE** | **Software Engineer** |
| **TEAM SIZE** | **07** |

**DESCRIPTION**

E & J Gallo Winery is a winery and distributor headquartered in [Modesto, California](https://en.wikipedia.org/wiki/Modesto,_California). It was founded in 1933 by [Ernest Gallo](https://en.wikipedia.org/wiki/Ernest_Gallo) and [Julio Gallo](https://en.wikipedia.org/wiki/Julio_Gallo), and is the largest exporter of [California wines](https://en.wikipedia.org/wiki/California_wines).

**RESPONSIBILITIES**

# Creating of profiles and federating of profiles on WebSphere Application Server.

# Responsible for all Administrative tasks including WebSphere Application Server domain configuration which includes components like WebSphere Application server, IHS web server.

# Configuring data sources by using jdbc provider.

# Conducted training sessions for teams on Terraform usage, best practices, and workflows.

# Worked with different profiles like Default, Full, HA and Full-HA

# Installation, Configuring, troubleshooting the WebSphere Application Server.

# Installed IBM HTTP Server and Configured to Application server by generating the plug-in.

# Responsible for deploying, monitoring application, log files and provided information to the developers.

# Configuring Master and Slave in Jboss. Automated JBoss data source connectivity checks.

# Configured WebSphere Application Server in conjunction with Oracle DB.

# Federated multiple nodes to a deployment manager.

# Deployment of EAR & WAR files on Jboss. Used JBoss CLI scripts for configuration changes.

# Configured WebSphere resources like JDBC providers, Data sources, Connection pool.

# Involved in Creating and Managing the Nodes and Clusters.

# Troubleshooting various problems in different stages using logs files.

# Responsible for setting up user access and set up control for specific resources.