

# ADITYA VARMA GOTTUMUKKALA



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## PROFESSIONAL SUMMARY:

- Total 5 years of Experience in IT Industry as a **DevOps Engineer** and **Cloud** on Linux and Windows Platforms.
- Currently working as Software engineer 2/DevOps Engineer 2 at Blueyonder, Inc from June 2019 - till date.
- Having 2.6 Years of experience in DevOps, **Linux server configuration**, Information technology and possess extensive experience in Development, Building and Deploying n-tier web applications and client/server applications using JAVA and Web Technologies for enterprise applications.
- Having 2.6 years of experience in Retail and Logistics Domain with FedEx Client.
- Microsoft certified as an **Azure Administrator Associate**. Currently working on **Azure DevOps** project.
- Over 2 years of experience in designing, configuring, and deploying solutions on Microsoft Azure using **ARM** Templates, Azure PowerShell Module and, Azure CLI focusing on high - availability and auto-scaling.
- Significant experience with Microsoft Azure and with the configuration of various **Azure** products (Resource Groups, Virtual networks, Subnets, Azure Firewall, **Azure Load balancer**, **Azure Application Gateway**, **Azure storage services**, Azure PaaS Compute options, Azure Monitor Service, Azure Functions).
- In depth technical strengths and business understanding for full-cycle project and post-implementation problem solving requirements.
- Created CI/CD Pipeline for **Docker** Build and Deployment. Created git repos and Jenkins jobs for the build and deployment of Microservices in Docker Container.
- Used **Kubernetes** to orchestrate the deployment, scaling, and management of Docker Containers.
- Good hands-on knowledge in **Terraform** scripts.
- Maintained all the UNIX, Linux, and Windows environments for deployments.
- Extensive Experience in Code Repository tools **GIT**, **GitHub** and **SVN**.
- Extensive experience in defining the branching, Tagging, and merging strategies, creating baselines, and releasing the code.
- Extensively used Build automation tools like **Maven** for the building of deployable artifacts such as war from source code.
- Experience in using Continuous Integration concepts by using tools like **Jenkins**.
- SME in **Checkmarx**, **Black Duck**, **CodeQL (GitHub advanced security)**, **Codacy** applications.
- Good Experience on implementing Jenkins builds pipeline flow to handle complex build workflows and continuous Deployment.
- Worked with bug tracking tools like **JIRA**.
- Good experience in **Jfrog Repository** for maintain the artifacts/dependencies jars.
- Good hands-on development experience to automate the provisioning of servers, configuration management of systems/infrastructure using **Ansible**. Used Ansible to document all infrastructures into version control.

- Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
- Expertise in UNIX **Shell** and Windows **batch scripting, Python automation** to automate the administration tasks.
- Good knowledge on web services tools Rest API and understanding of HTTP code responses.
- Created python automation scripts using **API's** for Artifactory, Jira, Bitbucket in customizing the reports.
- Strong ability to **troubleshoot** any issues generated while building, deploying and in production support.
- Experience in support activities of applications - trouble shooting, **Issue Debugging**, performance monitoring, resolving the production incidents.
- Ability to work closely with teams, to ensure high quality and timely delivery of build and release.
- An effective communicator with excellent relationship building & interpersonal skills. Strong analytical, problem solving & organizational abilities. Possess a flexible & solution-oriented attitude.
- Received spot award and “GEM award” 3 times for my contribution towards standardizing the checkmarx tool and CodeQL, solving migration issues, solving the production issues within the SLA.

## **PROFESSIONAL EXPERIENCE**

- Working as a Software Engineer 2 for Blue Yonder, Inc., Hyderabad from **June 2019 - Till Date.**
- Worked as an Associate Consultant for Syntel Private Limited, Chennai from **Dec 2016 - May 2019.**

## **EDUCATIONAL QUALIFICATION:**

- Bachelor of Engineering (B.E) in Electronics and Communication Engineering from SRKR Engineering college (affiliated to Andhra university), Bhimavaram.

## **TECHNICAL SKILLS:**

<b>Version Control Tools</b>	GIT, GitHub, SVN
<b>Build Tools</b>	Ant, Maven
<b>Configuration Management</b>	Ansible, Terraform
<b>CI /CD Tools</b>	Jenkins
<b>Virtualisation /Containers</b>	Docker, Kubernetes
<b>Cloud Technologies</b>	Azure Administration and Azure DevOps
<b>Scripting Language</b>	Shell (Bash) Scripting, Python Automation, Groovy
<b>Testing tools</b>	Selenium web driver, SKAI tool (Internal tool)

<b>Security tools</b>	Checkmarx, CodeQL (GitHub advanced security)
<b>Repository Manager Tools tool</b>	Jfrog Artifactory
<b>Bug/Case Tracking Tool:</b>	JIRA, Service Now
<b>Application/Web Server</b>	Oracle WebLogic, Apache Tomcat
<b>Operating Systems</b>	Windows, Unix, Redhat Linux, Aix, Solaris
<b>Programming Languages</b>	Java
<b>Database:</b>	Oracle, My SQL

### **CERTIFICATIONS:**

- **AZ-104 Microsoft Azure Administrator Associate.**
- **AZ-900 Azure fundamentals.**

### **PROJECTS:**

<b>1. Blueyonder SCPO and Platform products.</b>	
DURATION	: June 2019 - till date
ROLE	: Software Engineer 2/DevOps Engineer 2
WORK LOCATION	: Blue Yonder, INC., Hyderabad.
RESPONSIBILITY	: Configuration Management and Automation Engineer
Team Size	: 9
Technologies	: GIT, GitHub, JENKINS, MAVEN, ANT, Jfrog Artifactory, Checkmarx, Shell Scripting, Python Automation, API's, CodeQL(GitHub advanced security), JIRA, SSH Protocol, Stash(Bit bucket), Docker, Azure, Terraform, Kubernetes

### **SYNOPSIS:**

- **Blue Yonder** (formerly JDA Software Group) is an American software and consultancy company (owned by New Mountain Capital, The Blackstone Group and Panasonic), providing supply chain management, manufacturing planning, retail planning, store operations and category management offerings headquartered in Scottsdale, Arizona.

### **Responsibilities:**

- Extensive involvement in Designing **Azure Resource Manager** Template and in designing custom build steps using PowerShell.
- Created CI/CD Pipeline for **Docker** Build and Deployment. Created git repos and Jenkins jobs for the build and deployment of Microservices in Docker Container. Created Docker file for building Docker Images.
- Working as Bitbucket Administrator.

- Managed GIT, GitHub repositories for branching, merging, and tagging.
  - Major role in migration the repositories from Bitbucket to GitHub.
  - Developed Shell/Batch Scripts for automation purpose.
  - Worked on Jenkins CI/CD pipeline for microservices.
  - Administration of Source code management tool – GIT (SME), Security tool – Checkmarx (SME), Software composition Analysis – BlackDuck (SME)
  - Working on Docker implementation piolet project.
  - Knowledge on setting up the build and deployment automation for **Terraform** scripts using Jenkins.
  - Installing, Configuring and administering Jenkins CI tool on Linux & Windows machines.
  - Configured and deployed tools to automate the build, test, and release processes.
  - Handle multiple builds from development team, create build and perform deployment activities.
  - Created end to end build automation and CI setup for button click push deployment.
  - Implemented the setup for Master & Slave architecture to improve the performance of Jenkins.
  - Working/Implementing on SonarQube, Checkmarx and blackduck as part of CI.
  - Responsible in handling GA, cumulative and one-offs for 20+ products.
  - Responsible for designing, implementing, automating, securing and maintaining Organization's Continuous Integration/Continuous Delivery pipeline for more than 20+ products.
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- Installed and configured Artifactory tool and created local, virtual repositories.
  - Worked closely with other testers and developers to improve automated framework (JUnit/Selenium) with bug fixes and feature requests.
  - Coordinates release activities with cross teams to deliver bug-free code at high velocity.
  - Standardized and streamlined product build process.
  - Coordinate with product teams to understand new releases and their basic components.
  - Process the various GA/major, service, and patch releases appropriately, following standards and understanding where there are variations by product.
  - Working with development team for Cloud deployment and created CLM packages for various products.
  - Used Jira as ticket tracking and work-flow tool.
  - Good understanding on Cloud Deployment Models (Public, Private, Hybrid).
  - Ensured that complex defects and problems were resolved through production releases and upgrades.
  - Tracked, logged and responded to support tickets. Performed user account maintenance, managed incidents and provided resolution for end-user's technical challenges. Troubleshoot hardware/software issues.
  - Implementing and developing solutions enabling Development and Operations teams to build, deploy, monitor and test applications and environments.
  - Performing root cause analysis on huge server logs and providing remediation.
  - Responsible for resolution of incidents on production issues, email request handling and RCA.
  - Operation streamlining, tracking and documenting daily activities.
  - Technical and business knowledge transfer to new team members.

### **Recognitions:**

- Got spot award for Q4-2019.

- Received the “GEM award” 3 times for my contribution towards standardizing the checkmarx tool in Q2-2020 and CodeQL, solving migration issues, solving the production issues within the SLA in Q4-2020.

<b>2. FedEx Customer View Management Configuration Management</b>	
DURATION	: Dec 2016 – May 2019
CLIENT	: FedEx
ROLE	: Associate Consultant
WORK LOCATION	: Syntel Private Limited, Chennai.
LINE OF BUSINESS OF THE CLIENT	: Build, Deploy and Release management
RESPONSIBILITY	: Build , Deploy and Release Management
Team Size	: 7
Technologies	: SVN, GIT, JENKINS, MAVEN, ANT, Nexus Repository, Shell Scripting, SonarQube, urban Deploy

### **SYNOPSIS:**

- FedEx Express invented express distribution and is the industry’s global leader, providing rapid, reliable, time-definite delivery to more than 220 countries and territories, connecting markets that comprise more than 90 percent of the world’s gross domestic product within one to three business days

### **Skill set:**

- Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
- Responsible for configuring Sonarqube , JaCaCo, PMD, checkstyle for code quality and static code analysis in Jenkins pipeline.
- Scheduling nightly builds in Jenkins
- Responsible for creating branches using version controlling.
- Managing build/Continuous Integration (CI) processes across the projects.
- Dealing with build configuration issues.
- Deploying the code and fixing the bugs.
- Have done automations to reduce the daily manual efforts using Shell Script.
- Working closely with Architect , Development, Testing and IT Services teams.
- Providing technical assistance to team members

### **Responsibilities:**

- Monitored, maintained, and controlled hardware and software configurations in classified network environment.
- We will use shell script for performing the server’s pre-checks for configuration around 1000 servers.
- We are using **Agile Methodologies** for sprint planning.
- We will perform JDK and WebLogic upgrade for every quarter in all test and PRODUCTION environments.

- Implementing and developing solutions enabling Development and Operations teams to build, deploy, monitor and test applications and environments.
- Responsible for release deployments, upgrades, maintenance and system operation changes.
- Organizing Crit-Sit calls and engaging third party application support to resolve high priority issues.
- 24/7 support during development to prevent impact to the business.
- Performing root cause analysis on huge server logs and providing remediation.
- Developed, documented, executed and implemented configuration management.
- Having work experience in working with agile model
- Responsible for resolution of incidents on production issues, email request handling and RCA.
- Operation streamlining, tracking and documenting daily activities.
- Technical and business knowledge transfer to new team members.

**DECLARATION:**

I hereby declare that the particulars of information and facts stated herein above are true, correct, and complete to the best of my knowledge and belief.

**PLACE: Hyderabad**  
**ADITYA VARMA**

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