

VINAY KUMAR

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PROFILE SUMMARY

Over all 6+ years of rich experience in the areas of:

- Project Planning & Execution
- Testing / Quality Assurance
- Creating Build Pipelines
- Migration
- Software Development Life Cycle (SDLC)
- Defect/Change Management
- Deployment Strategy
- Cloud Deployments
- Code Developments
- Deployment Support
- Process Automation
- Cloud Architecture

TECHNICAL SKILLS

	Tools/ Technologies/ Languages
SCM Tools	SVN, GITHUB
Build Tools	Ant & Maven
Program Languages	Java, PL/SQL,XSLT, Shell Scripting
Cloud	AWS, EC2- Auto Scaling,S3,VPC, IAM,AMI,RDS ,Lambda, Storage Services(EBS,S3),ELB-Load Balancers,Route53,Migration Strategies, Cloud Formation -
Application/Web Servers	jBoss,Tomcat,WAS,httpd,IIS
Automation Tools -IaaS	Ansible/ TerraForm
CI/CD Tools	Jenkins
Containers-Management	Docker & K8's
Monitoring-Tools	Nagios/Splunk
PM tools	JIRA, MS Tasks
ITSM	PTC Integrity ,Remedy, Service Now

PROFESSIONAL EXPERIENCE

TATA Consultancy Services since Nov '14 –Present **Role: Cloud Devops Engineer | Hyderabad, India**

- Presently associated with **Tata Consultancy Services** as Cloud DevOps Engineer; responsible in creating build pipeline, continuous Integration cycle, app deployment, cloud migration , automating all the manual intervention process performed by the team, responsible for continuous delivery and continuous integration.
- Experience in Writing infrastructure code in **Terraform** to create **AWS** services like EC2,S3,VPC,IAM,AMI,RDS,Lambda, ,ELB-Load Balancers.
- Experience in writing the Jenkins CI/CD build pipeline for multiple Java applications and writing Jenkinsfile to implement CI/CD pipelines for AWS custom AMI image creation and **Terraform** to create the **AWS** infrastructure.
- Experience on various automation use cases of server configuration, application configuration and application deployment setup using **Ansible**.
- Experience in creating RPM's for multiple Java applications using **maven** RPM tags and those applications can be installed using **YUM** utility of Linux (RHEL).
- Skilled in **Project Management** from resource planning, status reporting, risk analysis to QA and ensuring delivery of projects within time, budget & quality parameters; exposure to **Waterfall & Agile Methodologies** for greater value addition
- **Led all phases of Software Development Lifecycle (SDLC)** from Requirement Analysis, Coding, Testing (QA-Functional, Integration, Performance &UAT), Defect & Change Management, Delivery & Post-implementation Support and End-user Trainings

- Proficiency at grasping new technologies quickly and utilizing it in a productive manner. Aware of Big Data and Machine Learning concepts.
- Resourceful in **creating a dynamic environment** that motivates high performance amongst team members, resolving queries and establishing a communication channel with the Client & Onsite Team for smooth project execution
- Accurate & precise in all work related assignments with strong **team-building, analytical & problem-solving skills**

PROJECTS

Westpac Banking Corporation since July '19 –Present Role: Cloud Devops Engineer

Project: WestPac- SM-ESS

- **ESS-** Enterprise Services is portfolio of middleware applications of **Westpac** and its subsidiaries **St George Bank ,BankSA, Bank of Melbourne** and **BT Financial** which deals with enterprise needs of banking.

Roles & Responsibilities:

- Creating Infrastructure (Test,UAT,SIT) using **Terraform**.
- Experience in creating Virtual machines (windows, SQL and Linux) using **Terraform** in **AWS**
- Creating and managing **AWS IAM Services:** IAM Policies, Roles, Users, Groups, AWS Access Keys and Multi Factor Authentication.
- Experience in design and writing multiple Dockerfiles for each Java application and pushing them to **Docker** Registry with different application versions using tags
- Experience in building and deploying code in different environments like non-prod and Prod using Jenkins, **Docker, Kubernetes,** and **Ansible**.
- Created fully automated CI build /deployment infrastructure and processes for multiple projects using **Docker, Jenkins, Ansible & GIT** hosted on AWS
- Continuous monitoring using **Splunk**
- Experience in setup the **GitHub** webhooks to trigger the builds in Jenkins based on the pull request from the Github private repository for both AWS and Azure
- Experience in applying SSL configuration to **Jenkins** server.

Xerox Corporation since October '18 – June'19 Role: Cloud Devops Engineer

Project: JOLT (Java Oracle Linux Tomcat)

- JOLT is a suite of applications written in Java and runs on Linux RHEL servers connected to Oracle 10g.
- **eAuth:** Web based application stores and maintain user info for various applications. Provides API for authentication. SSO
- **MSS:** Meter Supply Sales web application maintains sales of supplies along with their meter reads.
- **Loyalty:** Reward system, Xerox users can claim and redeem their reward points based on their previous purchases.
- **USDA :** Multi-user application where XEROX and USDA users can access the data of machines which were installed in different locations of USA (US Department of Agriculture)

Roles & Responsibilities:

- Build and release management- **Docker, Jenkins, Ansible & GIT** hosted on **AWS**.
- Migrating applications from on premise to **AWS**. Creating Auto Scaling groups and configurations in **AWS**
- Experience with **Docker**, deploying containers, automated build deployments using **Jenkins**
- Creating & deploying apps in **Kubernetes** cluster.
- Continuously monitoring using **Nagios**
- Build, release and configuration management of production environments.
- Management of continuous deployment and continuous integration (CI/CD).

Xerox Corporation since September '17 –October'18 Role: DevOps Engineer

Project: MCKB- Master Customer Knowledge Base –Marketing & Sales

- MCKB is a Xerox internal application suite has multiple applications deals with creating establishments and customers for Xerox.
- Establishment is nothing but a physical address of a company/firm, Customer will be created once the firm started doing business with Xerox.
- Most of the applications were written in Java -6 deployed in Solaris (Sun OS).
- Xerox management decided to migrate all applications to RHEL7. –Migration Project

Roles & Responsibilities:

- Spring Integration
- Migrating build process from ant to Maven.
- Upgraded all the applications to Java JRE 1.8
- Creating Jenkins build pipe lines.
 - Migrated existing freestyle projects to pipeline projects by using **Jenkins** file.
 - Added a step to create RPM files after successful build, which we used to deploy applications.
 - Added **SonarQube** (Static code analysis) and **Nexus** (Artifact repo) configurations to existing Jenkins projects.
- Implemented **Health check** mechanism for an application.
- Environment setups using **Ansible** (POC,VOL,QA,DEV,UAT,HIST ,PROD etc environments were configured using Ansible)
- **Apache-HTTPD configurations**- creating various re-write rules, to forward requests from Load Balancer to various applications
- **Apache-Tomcat 8 Configurations**- created separate bin scripts for tomcat restarts and log aggregations.
- Creating **Log Purging** scripts and running as CRON entries.

Since Jan '15: Xerox Corporation

since September '15 – September '17

Role: Developer

Project: eIPP (Electronic Invoice Presentment and Payment)

- EIPP generates invoices for Xerox customers and allows them to pay the bills through the application.
- The application is built on a product named AVOLENT. The product is customized based on the business requirements.
- It will also generate the invoices and sends it to the customers automatically.
- The EIPP application is hosted on Linux operating system and oracle 10g is the database to which it connects.

Roles & Responsibilities:

- Client interaction.
- Supporting business to create BRD & SRD documents.
- Creating Technical Design documents
- Development (**Java,XSLT, PL/SQL , Shell Scripting, XSL Fast tool**)
- Bug fixing while various testing stages(Functional/Integration/UAT)
- Preparing release documents, KT sessions to Ops team.
- Code/App deployment in Production environments and Burn In-Support.

Xerox Corporation

since Feb '15 – August '15

Role: QA Tester

Project: eMeters

- eMeters, collects the Meter Reads from customers who use Xerox machines using various ways.
- Meter Read values can be sent by various different ways to eMeters system.

Roles & Responsibilities:

- Requirement analysis & Test cases preparation, review,& execution –Functional ,Integration & Regression
- Executing test cases and reporting the issues
- Supporting Dev Team during releases.
- KT's to Ops team & Client Interaction.

EDUCATION

MCA - from School of IT, JNTU Hyderabad; *secured 71.0%*

BSc - Computers from Osmania University; *secured 75%*

MPC from Board of IPE; *secured 90%*

SSC from AP Residential School; *secured 86%*

AWARDS

- **BEST Team** – 2- For Successful eIPP releases.
- **STAR Team:** Received STAR Team award for successfully migrating the applications from Solaris to Redhat Linux
- **STAR of the Month** – Received STAR of the month award for efforts shown in migrating applications- on premise to cloud
- **STAR of the Quarter-** Received Star of the Quarter from TCS showing exceptional performance during all phases of D2D.
- **Smile(s) Awards- 5** – Received Smile(S) awards from TCS managers for making successful releases on time under pressure of deadline
- **Special Achievement Award** – For extended and outstanding support during Pandemic.
- **Many Appreciation Mails from Customers and business users for providing extended support for BAU activities.**

PERSONAL DETAILS

Passport: M1322798

Visa: 482-TSS (Australia – Valid till March 2022)

Languages Known: English, Hindi & Telugu

Present Address : Flat No:101, Sherisadan Apartments, BhagyaNagar colony, Kukatpally, Hyderabad - 500072