**Pradeep Kumar Bikki**

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| **Title:** | * Senior Consultant |
| **Location:** | * Bangalore, India |
| **Languages:** | * English (fluent),Hindi, Telugu |

# Experience Summary

* Over 8.6years of IT experience as a **Linux Administrator** and **DevOps Engineer.**
* Relevant 5.2 years of IT experience in **DevOps Engineering** in building, deploying, and releasing of code from one environment to another environment.
* Experienced in working on **DevOps**/**Agile** operations process and tools area (Code review, Environment, Service, **Inciden**t and **Change Management).**
* Experience in working on source controller tools like **GIT, GITHUB**
* Having good Experience in DevOps tools like **Chef** for deployment.
* Experience in Terraform script to provision **AWS** Services
* Exposed to all aspects of software development lifecycle (SDLC) such as Analysis, Planning, and Developing, Testing, and Implementing Post-production analysis of the projects.
* Experience working on several **Docke**r components like **Docker** Engine, Hub, Machine, creating **Docker** images, Compose, **Docker** Registry and handling multiple images primarily for middleware installations and domain configurations.
* Experience in Implementing CICD Pipeline with **Jenkins** and **AWS**.
* Proficient with cloud services like Amazon Web Services. Experience in running web scale services on **Amazon Web Services**.
* Understanding the client environment, Administrating and creating solutions using AWS services, CI/CD, GIT, Experience with Amazon Web services Creating, configuring and Managing EC2, IAM, services across AWS Zone.
* Environment provisioning solutions using Ansible, Docker
* **KEY SKILLS:**

**Functional:**

* + - Worked as a Team Lead in IBM, Worked as a Release and Deployment Engineer in Cisco Managed Services, CISCO, Worked as a Cloud Automation Engineer, GE Baker Hughes,
    - Worked as DevOps Engineer in Caesars

**Technical:**

* + - **OS** - Linux and Windows
    - **Cloud Technologies** - AWS
    - **Cloud Version Code** - GIT, GITHUB, BITBUCKET
    - **CI&CD Tools** - Jenkins, Code Pipeline
    - **Container and Container Orchestration** - Docker, EC2 Container Services, Docker Container Services, Docker Swarm, Kubernetes.
    - **Artifact’s Repository** - Nexus, Jfrog
    - **Configuration Management** - Terraform, CloudFormation
    - **Monitoring Tools** - Cloud Watch, Kibana
    - **Scripting Languages** - Shell Scripting, Python-boto3, Powershell
    - **Databases** - RDS(MySQL), PostgreSQL, Dynamodb
    - **Web** **Servers**- Apache Tomcat, NGINX, JBOSS
    - **Ticketing** **Tool** - Jira, Service Now, Remedy, ITSM

# Experience

**01 Type of Industry: Information Technology – Capgemini**

**Role/Title: DevOps Engineer**

**Project Duration: 9 Months**

**Project Description:**

**Caesars Entertainment**

Caesars Entertainment Company is an American hotel and casino entertainment company founded and based in Reno, Nevada that operates more than 50 properties.[4] Eldorado Resorts acquired Caesars Entertainment Corporation and changed its own name to Caesars Entertainment on July 20, 2020.

* Responsibilities:
  + Experienced with AWS Cloud platform to automate, which includes EC2, S3, ECR, EKS, ELB, Route 53, VPC, EBS, SNS, RDS, and Cloud Watch.
  + Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
  + Worked on Orchestration through Docker and Kubernetes
  + Worked on CICD Jenkins Pipeline to automate continuous delivery
  + Experience in using version controller tools like GITHUB.
  + Experience in Dynatrace Tool to monitor
  + Understanding of Software development methodologies and practices, Continuous Integration and Continuous Delivery
  + Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket through Service Catalogue. Created alarms in Cloud watch service for monitoring the server performance
  + Developed Terraform Script to deploy applications
  + Experience managing Windows, Linux, and OS X systems
  + Identify improvements, develop platform/infrastructure services and automate
  + Orchestrate deployment of application & infrastructure clusters within a Cloud environment utilizing a Cloud Management Platform
  + Worked at all phases of Software Development Lifecycle
  + Work closely with both development and other teams and demonstrate a commitment to their success

**Operating Systems: Linux/Windows**

**Software / Languages: Terraform, Shell Scripting and reused Python**

1. **Type of Industry: Information Technology – Capgemini**

**Role/Title: Cloud Automation Engineer**

**Project Duration: 6 Months**

**Project Description:**

**Baker Hughes**

Baker Hughes Company is an American international industrial service company and one of the world’s largest oil field services companies. The company provides the oil and gas industry with products and services for oil drilling, formation evaluation, completion, production and reservoir consulting.

**Responsibilities:**

* Experienced with AWS Cloud platform to automate, which includes EC2, S3, ELB, Route 53, VPC, EBS, AMI, SNS, RDS, and Cloud Watch.
* Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
* Worked on Service Catalogue Orchestration through Cloud Formation templates
* Worked on CodePipeline to automate continuous delivery
* Experience in using version controller tools like GIT.
* Understanding of Software development methodologies and practices, Continuous Integration and Continuous Delivery
* Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket through Service Catalogue. Created alarms in Cloud watch service for monitoring the server performance
* Developed PowerShell Script to deploy applications
* Experience managing Windows, Linux, and OS X systems
* Identify improvements, develop platform/infrastructure services and automate
* Orchestrate deployment of application & infrastructure clusters within a Cloud environment utilizing a Cloud Management Platform
* Worked at all phases of Software Development Lifecycle
* Work closely with both development and other teams and demonstrate a commitment to their success

**Operating Systems: Linux/Windows**

**Software / Languages: PowerShell Scripting, Basic Knowledge in Shell Scripting and Python**

**03** **Type of Industry: Information Technology – Capgemini**

**Role/Title: Release and Deployment Engineer**

**Project Duration: 9 Months**

**Project Description:**

**CMS (Cisco Cloud Managed Services)**



**Responsibilities:**

* Worked as a **Linux/Release and Deployment Engineer** for System Builds, Server Builds, Installations, Upgrades, Patches, Migration and Trouble shooting.
* Schedule and Inform the customer before the upgrade and Validate the system and do Sanity after the upgrade
* Handling all phases of Build activities and work with the monitoring tools
* configuring Nginix server and MariaDB as per the RPM’s and RBA’s and Installing, configuring, modifying, Testing and deploying applications on **Nginix**
* Pre and Post Upgrade snapshots for validating the release version and relay server
* Pre and Post ticket validation of all stacks/Customers after upgradation
* New Deployment script fixing, and configuration changes needed in different secure stacks
* Installation of operating system and supporting applications on the CMSP
* Staging, Importing and Deploying the patches for **SNOW** ticketing integration
* Remote installation and testing of the monitoring application and Installation assistance to Customer for the servers, appliances and/or devices
* Defining the flow for Continuous Integration and Deployment of applications to test and production environments.
* Raise a change request and get it approved by customer and support teams and Inform the customer about the upgrade status and update the Change Request accordingly.

**Operating Systems: Linux/Windows**

**Software / Languages: Basic Knowledge in Shell Scripting and Python**

**Special Tools: Service Now, Rally**

**04** **Type of Industry: Information Technology – IBM India Pvt.Ltd**

**Role/Title: DevOps Engineer**

**Project Duration: 3 Years 6 Months**

**Project Description:**

**Bombardier Transportation**



**Responsibilities:**

Working on Server configuration and Involved in Architect, build and maintain Highly Available secure multi-zone **AWS** cloud infrastructure utilizing **Chef** with **AWS Cloud Formation** and **Jenkins** for continuous integration.

* Experience in AWS provisioning by creating EC2 Instances and configuring all necessary services like Security, EBS, and S3.
* Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
* Hands on experience in installing and administrating CI tools like Jenkins and GIT,
* Environments: Linux, Jenkins, Docker, GIT, Tomcat Server, Apache Server, Shell, Chef, Puppet.
* Experienced with AWS Cloud platform and its features, which includes EC2, S3, ELB, Route 53, VPC, EBS, AMI, SNS, RDS, and Cloud Watch.
* Creating docker containers and running with docker containers, Writing the Docker file based on the Application perspective and Configuring Docker private Registry and build the Images using Jenkins and push them to registry.
* Having work experience with monitoring tools and Defining the flow for Continuous Integration and Deployment Process Using Jenkins.
* Install and configuring Nginix and Apache web Server.
* Setup/Managing VPC, Subnets make connection between different zones.
* Design & implemented VPC service for extension of customer's on-premises data centre with AWS Cloud using AWS VPC and VPN& Direct connect services.
* Implemented and maintained Chef Configuration management spanning several environments in VMware and the AWS cloud.
* Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket. Created alarms in Cloud watch service for monitoring the server performance. Installing Red hat Linux flavour OS, Configuring and binding system with domain.

**Operating Systems: Linux/Windows**

**Special Tools: Jira, Service Now, Container Orchestration Tools, Nagios, Newrelic**

**05**  **Type of Industry: Information Technology – HCL Technologies Ltd**

**Role/Title: Linux/Middleware Administrator**

**Project Duration: 2 Years 7 Months**

**Project Description:**

**VISA -Visa Processing Service**

VISA is to improve lives and economies around the world. Project supports 35 International Banks throughout world. From advancing financial inclusion to helping in time of crisis, Supporting digitalized VISA prepaid and travel for most advanced payment networks

**Responsibilities:**

* Worked as a Linux/Unix system Administration for System Builds, Server Builds, Installations, Upgrades, Patches, Migration and Trouble shooting.
* Install and configure Ubuntu, Centos on remote servers and Desktop servers.
* Installation of patches and packages using RPM and YUM in Red hat Linux.
* Installed and configured Apache/Tomcat web server.
* Created and modified users and groups with SUDO permission
* Remotely copying files using SFTP, FTP, SCP, WinScp and Regularly manage backup process for server and client data.
* Working with developers to load software onto Linux Enterprise servers and also debugging Scripts.
* Set up and administer user and groups accounts, setting permissions for users.
* Monitored and managed various DEV, UAT, QA and PRE-PROD, PROD environments for production and deployment activities. Identified cross functional dependencies through monitoring and tracking release milestones
* Worked at all phases of Software Development Lifecycle and handled change management process
* Positive attitude, strong work ethic, and ability to work in a highly collaborative team environment.

**Operating Systems: Linux**

**Special Tools: BMC Remedy, ITSM, Jira**

# Training, Certifications & Affiliations

AWS- Solutions Architect Associate

Oracle Fusion Middleware

# Published & Presented / Awards

Received Star Performer award in HCL

# Higher Education

Bachelor Of Technology in **Information Technology**