

# VIPUL Khadela

## SUMMARY

- IT professional with 12.5+ years of experience as a Senior Systems Engineer/ DevOps Engineer/Site Reliability Engineer.
- Technically sophisticated & result driven IT professional with experience in Linux System Administration, DevOps & Production Support. Currently working with Williams Sonoma in San Francisco, CA (Remote)
- Prolific team player with fine-tuned analytical and troubleshooting skills.
- Consummate professional with excellent planning, execution, monitoring and resource balancing skills, attention to detail as well as the ability to build and lead effective teams. Outstanding presentation and leadership skills.

## TECHNICAL SKILLS

Cloud Platforms	AWS, Google Cloud Platform, Azure
Configuration Management	CloudFormation, Ansible, Terraform
Containerization	Docker, Amazon ECS, Kubernetes
Databases	MySQL, Amazon Aurora, RDS, DynamoDB, MS
In-memory, key-value data stores	Redis, Memcached
Data Processing	Kafka, Zookeeper
Continuous Integration	Jenkins
Version Control	Git, Github, GitLab, Bitbucket
Monitoring	Nagios, Graphite, Prometheus, Grafana
Scripting	Shell
Web Servers	Apache, Tomcat, Nginx
Load Balancer	AWS ELB, HA Proxy
OS	Amazon Linux, CentOS, Ubuntu
Ticketing and task management	Jira
Knowledge Management	Confluence
Automation	Rundeck

## CAREER PROFILE

### • [DevOps Engineer at Williams-Sonoma, Inc. \(Ascentiant International\)](#)

DevOps Associate October 2022 – Present

[Platform](#): Linux, Jenkins CI CD Pipeline, Docker, Tomcat, Kubernetes

- Investigating and resolving technical issues by deploying updates/ fixes.
- Debugging and resolution infra related tickets clients face in our application.
- Implementing automation tools and frameworks for automatic code deployment (CI/CD) Quality control and management of the code base which is written in JAVA
- Lead the discussion with business analysts, DBAs, QAs and other to design and deliver solutions.

### • [DevOps at HCLTechnologies Ltd.](#)

DevOps Associate September 2021 – Oct 2022

Clients : UBS (8 months) & MunichRE (current)

**Onsite** experience : UK (worked for MunichRE client – 1 month)

[Platform](#): AWS, Gitlab CI CD Pipeline, Terraform

- Responsible for the DevOps functions like implementing CI CD pipeline and handling/managing the infra in AWS account.
- Written Terraform scripts and pushed them in Gitlab. Ran Gitlab CICD pipelines to launch the infra in AWS.
- Debugging and resolution infra related tickets clients face in our application.
- Used AWS services extensively like RDS, ECS, Lambda, API Gateway, Workspace etc.

## **v DevOps Associate at JPMorgan Chase**

DevOps Associate May 2021 – August 2021

**Project:** **55ip** is a tax-smart investment strategy engine that dramatically improves financial advisors' efficiency and effectiveness.

**Platform:** AWS, ELK, Git, Jenkins, JIRA, Ansible, Python, RabbitMQ, UNIX Shell, PM2, PostgreSQL, Codedeploy, Terraform

- Responsible for all the DevOps functions in the company and handling the entire infrastructure in AWS for production, development and staging environments.
- Migrating the infrastructure from one AWS account to other AWS account using Terraform only.
- Release automation using Ansible playbooks
- Writing custom shell scrips to automate the manual stuff.
- Implemented ELK through docker and also containerizing the different modules.

## **v Sr. DevOps Engineer at Phamarack Technologies**

Sr. DevOps Engineer August 2019 – May 2021

**Project:** **Phamarack** is a complete solution for pharma supply chain to automate the entire sales and operations process – from origination of order to its final execution.

**Platform:** AWS, Git, Jenkins, JIRA, ASP.NET, Grafana, UNIX Shell, PM2, MySQL, Codedeploy

- Responsible for all the DevOps functions in the company and also MySQL administration and **AWS cost optimization.**
- Handling the entire infrastructure in AWS for production environment.
- Setting up release process automation using AWS Codedeploy, Codecommit and Codebuild.
- Implementing monitoring solutions using different tools like Grafana, Nagios and AWS Cloudwatch.
- Writing custom shell scrips to automate the manual stuff.
- MySQL master slave architecture and also handling MongoDB in production.
- Given suggestion to my organization to go away with SFTP and use AWS S3 because S3 provides encryption as well as highly available. So my suggestion got accepted by my organization and now Phamarack is using S3 for their clients which reduced the **AWS bill.**
- Worked on cost optimization activities like applying life cycle rules to s3 buckets and terminating ec2 instances which are not in use, deregistration and deletion of AMI, deleting unused volumes. Saved thousands of \$ in monthly **AWS bill.**

- **Implemented lambda function which will stop QA/UAT instances in non peak hours and start the same instances in the morning time during business hours. That has also helped to reduce the cost significantly.**

· Worked with the different teams like BA, BigData, deployments and third party vendors.

#### **v Sr. Systems Engineer at Talentica Software India Private Limited**

Sr. Systems Engineer April 2013 – August 2019

**Project :** **AdMarvel** (An OPERA software Company and now part of AdColony ) is one of the Major supply- side platforms (SSP) which delivers ad solutions for the mobile web, WAP, SMS, widgets, and in- application modalities across all the major devices.

**Platform:** PHP, MySQL, UNIX Shell, AWS, Nagios, haproxy, Jenkins, Git, JIRA

- Prepare deployment and release plans and execute releases to a high-availability, multi-tiered, scalable production environment with minimal downtime
- Work with architects, developers and operations on deploying critical applications
- **Given suggestion to use spot instances for web servers in AWS and it has reduced the cost significantly.**
- Implemented RDS instead of EC2 DB setup which has reduced the cost significantly and also helped to remove manual intervention.
- Automate and monitor data backup, reports and repeated activities using scripts.
- Monitor Investigate and Escalate logs of important applications whenever any issues are found.
- Troubleshoot and fix issues with services including web and database servers.
- Administration of Jenkins , Maven and other build infrastructures
- Co-ordinate with third-parties for any technical issues.
- Knowledge of Apache open source tools such as Kafka, Storm, zookeeper and maintain the clusters also in current project.
- Support internal and external customers, resolve or escalate critical issues escalated to Tech Support Team.
- Assist, Guide and Manage team (tech support) in their daily operations to effectively carry out the support process.

#### **v Implementation and Support at Financial Technologies India Limited, Mumbai**

Production Support Engineer May 2012 – March 2013

**Platform:** MS SQL SERVER 2005, Core Java, JavaScript.

- **Plan, design, and implement application database code objects, such as stored procedures and views.**
- Build and maintain SQL scripts, indexes, and complex queries for data analysis and extraction.
- Installation and Implementation of application and patches.
- Follow up for open issues internally with peers and externally with clients.
- Prepare reports from issue log/CRM as per management requirement.
- Preliminary in house testing.

## **v Savvion Application Support at Prism Informatics Limited, Mumbai**

Production Support Engineer October 2010 – May 2012

Platform: Eclipse, Savvion Business Manager, MS SQL SERVER 2005, Core Java, JavaScript.

- Developed applications for the client (Godrej Properties Limited) using Savvion BPM Studio, Core Java, JavaScript and MS SQL SERVER 2005.
- Perform quality assurance and testing of SQL server environment.
- Understand problems that clients face while using the products.

## **v Production Support at ETECH, Inc. Gandhinagar**

Production Support Engineer October 2009 - October 2010

Platform: Microsoft SQL SERVER 2005, HTML, Core Java, JavaScript.

- End to End support and implementation of the software products used by the customers.
- Understand problems that clients face while using the products.
- Responding to user queries and providing advice on the use of the systems.
- Installation and Implementation of application and patches.

## **EDUCATION**

- **B.E (Information Technology)**, Bhavnagar University (Gujarat), 2009, 61.57%
- Extra Mile Award for best performance at Talentica Software
- Client Appreciation for mentoring junior team members and got them ready for the project

### **Ascentiant International Corporation**

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