



# Pritam Kosalage

DevSecOps and Cloud Engineer with 9+ years of experience



Synechron Global Profile: <https://www.synechron.com/profile/pritam-kosalage>

## HIGHLIGHTS

Ph: +91-8150972001

Email: [pritamkosalage97@gmail.com](mailto:pritamkosalage97@gmail.com)

- **Primary Skills:**
  - DevOps: Docker, Kubernetes, Jenkins, Ansible, Terraform, Splunk, JIRA, Confluence, Nexus
  - Cloud: GCP, Azure, AWS
  - Databases: MongoDB, MySQL
- **Additional Skills:**
  - Scripting: Groovy, JSON, PowerShell, Shell Script
- **Domains:**
  - BFSI, Education, Energy & utility, HRMS

## SUMMARY

- Experience in directly interacting and working with the client which includes direct client calls periodically for requirement gathering, issue root cause analysis, improvement idea
- Expertise in Administration: GCP, Kubernetes, Azure, AWS,
- Expertise in CI/CD: Jenkins, Ansible, Terraform, Packer, Splunk, Git, Nexus, Chef
- Expertise in Service Management including Incident Management, Service Request Management, Problem Management, Change Control, and Release Management, Knowledge Management, Risk Management, and CSI
- Good at collaborating with Business Analysts, Project Leads, and IT team to resolve issues and ensuring solutions are viable and consistent
- Good at maintaining and upgrading existing systems as required
- Experience in troubleshooting critical technical issues and providing 24x7 On-Call support
- Experience in risk mitigation and automation planning
- Experience in structuring and prioritizing business requirements and communicating plans with stakeholders for review and approval
- Experience in researching and evaluating emerging technologies, including both hardware and software
- Creating system guidelines and manuals for the organization
- Experience in Mentoring and directing the work of others as and when required
- Experience in leading a group of people as per the requirement and the workload

## EDUCATIONAL QUALIFICATION

- **Bachelor of Engineering (Computer)** from University of Amravati, in 2012
- **HSC** from Amravati Board in 2008
- **SSC** from Amravati Board in 2006

## GS/ CERTIFICATION

- Google Cloud Certified - **Professional Cloud Architect**
- Azure Cloud Certified – **Azure Solution Architect**
- **Kubernetes**
- **DevOps** (CI/CD) with Jenkins using Pipeline

- Agile Software Development (SCRUM)
- Completed training for CKA

## PROJECT EXPERIENCE

**Synechron Technologies Pvt. Ltd., Pune** **Mar'20 till date**

**Project 1: eCare Application** **Feb'21 till date**

**Client: HSBC**

**Role: DevSecOps Cloud Engineer**

**Description:** eCare is customer care backend application to check customer details, overview, and creation physical security devices order management, call history details to publish reports. This Project is Migration of API, UI & Database from On-premise to AWS cloud.

**Responsibilities:**

- Creation of Pipeline, Docker Images and Deployment on SHP Account.
- Configuration of new AWS resources as per the application teams' requirement.
- Configuration of IAM policies for the new user.
- Creation of Release and Deployment in Various environments.
- Creation of Kubernetes manifests (deployment.yaml, service.yaml, etc.) in order to provision EKS based Environment.

**Environment:** AWS, EKS, ECS, ECR, Docker, Terraform, Jenkins, GitHub, Groovy

**Project 2: Mongo on GCP**

**Mar'20 to feb'21**

**Client: HSBC**

**Role: DevOps Engineer**

**Description:** One of the teams of HSBC had the requirement to migrate their MongoDB environment from an On-premise setup to Google Cloud Platform (GCP). They needed an automated solution to create GCP image, Hybrid Replica Set and Shared Cluster, automated GCP Service Account key rotation, MongoDB version upgrade/rolling updates, the demise of existing GCP infrastructure, Database inventory file creation, and some more functionality pertaining to MongoDB migration to GCP. These functionalities have been implemented in this project.

**Responsibilities:**

- Implemented the automated Jenkins pipeline to perform the operations mentioned in the description
- Configured GCP project, GCP Image creation using Packer and Infra provisioning using Terraform

**Environment:** GCP, MongoDB, Ops-Manager, Terraform, Packer, Ansible, Jenkins, JSON, and JSON Schema, Python

**Globant India Private Limited, Pune**

**Apr'18 to Mar'20**

**Project 1: JCI (Fire Detection Application)**

**May'18 to Feb'20**

**Client: JCI**

**Role: Senior DevOps Engineer**

**Description:** JCI is Product based organization, as per customer requirement, we need to get Azure subscription details, creates infrastructure, install JCI application.

**Responsibilities:**

- Designing of the Azure resource templates to provision of environment
- Development and implementation of new features/customization based on customer's requirements
- Creating Chef cookbooks for deployment of Application
- Creating a cookbook to install Monitoring agent, Application configuration pre-requisites.

**Environment:** Azure, ARM, AKS, ACR, SQS, VMSS, IoT, Chef, App Dynamics, AzureRM Driver, Azure DevOps, Shell Script.

**Nityo Infotech Solutions, Pune**

**Feb'17 to Apr'18**

**Project 1: BMC (BNA, BDA)**

**Feb'17 to Apr'18**

**Client: BMC Software Pune**

**Role: Application Developer**

**Description:** As a part of BMC Software, BMC is having two major product BNA (BMC Network Automation), BDA (BMC Databases Automation). They provide complete Network & database automation, which include Network devices installation and purgation of Network devices. They provide Complete Database and Installation, upgradation of Database

**Responsibilities:**

- Creation of Application Builds publish to environment, share with GA team to release product.
- Creation of Various Jenkins job builds to install software in various form of Linux, windows.
- Co-ordination with the pre-sales and for demos to client for customer pitching.

**Environment:** Oracle 10g, SQL Server 2010, 2012, Cisco Switches, Linux, Jenkins, C, C++, Maven

**Pitney Bowes Private Limited, Pune**

**Jul'16 to Feb'17**

**Project 1: Package Tracking and Receiving**

**Jul'16 to Feb'17**

**Client: Multiple**

**Role: Senior Support Engineer**

**Description:** If your organization is like most, manually receiving and tracking inbound packages is no longer a best practice—or even feasible. Whether your mail center is simply too small to handle the deluge of inbound packages or your staff is growing frustrated with failed or delayed deliveries, Pitney Bowes tracking and receiving solutions help you streamline inbound delivery with real-time tracking and chain-of-custody reporting.

**Responsibilities:**

- Deployment of PB Application on tracking devices as per requirement
- Updating location Data files refresh as regular activities.
- Maintaining Tracking Devices on Cloud, Managing hardware alerts.

**Environment:** AWS, Jenkins, Data files, JSON, Windows 2003, Linux. Nagios, Splunk.

**IBM Software Pvt Ltd, Pune**

**Oct '15 to Jul'16**

**Project 1: RWE Energy Company Germany.**

**Oct '15 to Jul'16**

**Client: Multiple**

**Role: Application Consultant**

**Description:** RWE has initiative with IBM as a part of prepaid electric meters for consumers. We are supporting for payment gateway integration with Application.

**Responsibilities:**

- Creation of application packages on deploying on IBM WAS servers.
- Designed SQL queries, procedures, functions, cursor, triggers, scripts, and other SQL functionalities to resolve Client issues/cases.
- Resolved issues related to Account Receivables, Account Payables, Financial Analytics, Correspondence Management, ETL, etc.
- Also, created, modified, maintained, and optimized SQL Server/Oracle DB.
- Unit and system testing of the developed module.
- Creation of Various Queues as per requirement from development teams

**Environment:** IBM WAS Server, MQ Server, Jenkins, SVN.

**Bristlecone India Pvt Ltd, Bangalore**

**Nov'13 to Oct '15**

**Project 1: SuccessFactors HCM Solution**

**Nov'13 to Oct '15**

**Client: SAP Labs**

**Role: Consultant**

**Description:** SAP SuccessFactors is a major vendor of cloud-based human capital management (HCM) software and talent management software. SAP SuccessFactors has consistently ranked at or near the lead position in talent management vendor ratings from analyst firms like Forrester, Gartner, IDC and Nucleus Research.

**Responsibilities:**

- Creation RunDeck job to deployment of Chef cookbook on Application Servers and Web Servers.

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- Installation of the VMware Firmware installation on servers,
- Configuration of the Cisco physical devices, Configurations F5 Load balancer
- Creation of PowerShell scripts to install to monitoring agents, installation patches.
- Configuring Active directory s per the data center installation.

**Environment:** VMWare, CISCO Servers, PowerShell, Bash Script, Chef, Zabbix, HP Monitoring tool, Splunk.

**Acropetal Technologies Pvt Ltd, Bangalore**

**Dec'12 to Nov'13**

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