

LEMBHE SATYAJIT SOMNATHRAO

Senior DevOps Engineer – Shell/PL-SQL/Jenkins/ DevOps / AWS/ Terraform

Contact Number - +65 81149133

AWS skillsets resume - <https://satyajitlmbhe.com/>

Goal-oriented individual with a pleasant personality and a tenacity that knows no restrictions; multitasking professional liaison considered highly ambitious, willing to meet or exceed monthly quotas, and capable of handling various tasks effectively.

KEY SKILLS

Unix Shell/ PL-SQL/ Python
Development
DevOps Management
CI-CD Pipeline
(Terraform/PowerShell)
AWS Developer/ Solution
Architecture
Change Deployment
Project Management
Strong experience in **BFS and
Healthcare**
Application monitoring
Application Upgrade
App certificate renewal

PROFILE SUMMARY

- **Agile Professional with over 12+ years of exposure in** providing thought leadership to lead the complete software delivery life cycle with the team from the planning deployment through the development and testing phases.
- **Impressive track record** in indentifying the loopholes in the process and preparing design checklist to ensure high quality code development and zero defect deliveries.
- **12 years of strong experience** in developing Unix Shell scripts and Database (Oracle) stored procedures, CI-CD , monitoring tools and programming languages like Python .
- **Leveraged prowess** in mapping out pathways to success and supporting in realizing business objectives by introducing DevOps disciplines. Executed the DevOps best practices for improved scalability, performance, and reliability.
- **2x AWS Certified** having strong Handon experience in AWS.
- **Strong communication skills** – Ability to handle difficult clients , comprehensive emails , maintaining strong bond with clients.

EMPLOYMENT OUTLINE

Aug 2023 till now : Persolkelly Singapore, as Senior DevOps Engineer

Key Deliverables:

- Linux Shell / Powershell, Terraform scripting and Database Stored procedure development.
- Jenkins Development to build and Deploy the application using Terraform , extensive utilization of GIT using GITLAB.
- Plan the release of project deliverables and release life cycle. Coordinate the release schedule and resources required depending on third-party applications, defect backlogs, planned releases, and infrastructure updates.
- Strong communication skills , ability to handle difficult clients. Working in fast paced Agile environment
- Performance monitoring and improvement in the application using various Monitoring tools like Dynatrace.
- Design AWS CI-CD Pipelines, using Code scanner tools like sonarqube and Fortify.
- Knowledge of GCC (Government on Comercial Cloud) , SHIP – HATS CI – CD.
- Leading National level healthcare project from DEVOps side .

Key Achievements:

- Leading DEVOps project single handedly. Delivered one of the most critical Delivery in first 4 months of a service.
- Streamlined the process , to avoid duplication of a work deliver the things on time.
- Client appreciation for bringing stability / Security in the deployment cycles.
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Aug 2014 – Aug 2023 : Cognizant Technology Solutions, Singapore, as Senior Associate

Key Deliverables:

- Linux Shell scripting and Database Stored procedure and python development.
- Writing complex SQL queries to extract reports, performance tuning fo existing SQL's , designing Relational DB Structure.
- Plan the release of project deliverables and release life cycle. Coordinate the release schedule and resources required depending on third-party applications, defect backlogs, planned releases, and infrastructure updates.
- Manage a wide spectrum of activities, such as server procurment, server capacity management, Application deployment , CI-CD pipeline , AURA Role deployment , Splunk configuration , Application upgrade
- Lead the DevOps team to support service delivery on time and manage IT operations and developers.
- Drive release management lifecycle that involves the stages such as scheduling the release, coordinating between teams, and deployment of release as per the schedule and within budget.

Key Achievements:

- Successfully made zero defect deliveries in PROD for 4 years straight.
- Achieved 8 Top rating in 11 years of my career
- Accredited with the Difference Maker Award for Q1 2017 , Q3 2019, Q3 2020
- Articulated the implementation pattern while ensuring no impact on performance and system stability as Architect.

Jul 2011 – Aug 2014: Cognizant Technology Solutions, India, as Programmer Analyst

Key Deliverables:

- Entrusted with the overall accountability of outlining, preparing, testing, reviewing, and maintaining the new software applications in meeting the business requirements.
- Held responsible for writing, coding, testing, and analyzing software programs and applications.
- Formulated the applications from both a technical/programming perspective and a business point of view.

Key Achievements:

- Independently developed the application and deployed it in PROD.
- Received the Singapore Opportunity based on my performance

PROFESSIONAL ACCOLADES

- Accredited with the Star Team award for the Quarter Q3 2019.
- Received the Difference Maker Award for Q1 2017, Q3 2019 & Q3 2020.

EDUCATION CREDENTIALS

- **Bachelor of Technology – Computer Science & Engineering**, from Walchand College of Engineering, Sangli / Shivaji University in 2011.

Trainings / Certifications:

- AWS Certified Developer Associate in Nov 2022
- AWS Certified Solutions Architect – Associate in Apr 2023

TECHNICAL PURVIEW

- **Programming Languages:** Shell Script, Perl, PL/SQL, XML, Python
- **Hardware/Platform:** Linux (RHEL 6, RHEL 7), Windows, and Solaris
- **Tools:** DevOps tools like Jenkins, Docker, Sonarqube, GitBash, Control M, IRMA, Autosys, JIRA, SNOW, Crontab, Message Queue (MQ), SPLUNK , CTC (reconciliation tool by Gresham), Netcool(monitoring tool),
- **Databases:** Oracle, Sybase, MSSQL, DynamoDB
- **Markup Languages:** XML, HTML, XSLT, and CSS , JavaScript, NodeJs
- **Certifications:** AWS Certified Developer Associate, AWS Certified Solutions Architect – Associate
- **Cloud services:** S3, Cloudfront, ACM, Route53, API Gateway, Lambda, SES, IAM, Jenkins, GIT, Docker, ECS, Cloudformation, Cloudwatch, Terraform.

PERSONAL DOSSIER

Date of Birth: 07 Sept 1989 | **Nationality:** Indian | **Languages Known:** English, Hindi, and Marathi | **Visa:** Employment Pass

AWS PROJECTS

Sr. No.	Project Title	Services used	Project Description
1	Personal Resume Website - https://satyajitlembhe.com/	S3, CloudFront, ACM, Route53, API Gateway, Lambda, SES, IAM	- Static website Developed in JS hosted on S3. - Bought a domain on Route53, SSL certificate on ACM. - Linked CloudFront domain name and S3 Endpoint. - Wrote lambda function to send email through SES, and created Suitable roles in IAM. - Called API Gateway from Static website to call above lambda function.
2	Automated code deployment to S3 from GIT	Jenkins/S3/GIT	- Created a S3 bucket, Created IAM user with access ID and access key - Created a Jenkins job to POLL SCM after every 15 mins to check any new check in - In case there is any check in Identified then it will Pull the Data. - Batch file that will copy all the data from Workspace to Local directory and then aws S3.
3	CI-CD With Jenkins with approval cycle	Jenkins, Batch, Shell Script, GIT	- Wrote Batch and shell script and call it from Jenkins file - Add Multiple stages, with Approval stages
4	Docker/ECS/Cloudformation/Cloudwatch handson	Docker/ECS/Cloudformation/Cloudwatch	- Wrote docker commands to use existing Docker images - Wrote docker commands to create new Docker images - Deploying the ECS Cluster using CloudFormation - Setting Up ECS Task Definition under Fargate Mode with CloudFormation - ECS Scaling and Monitoring in Cloudwatch.

ANNEXURE – MAJOR PROJECTS

Project Title: Healthcare Department | **Location:** Singapore | **Duration:** Aug 2023 till now | **Team Size:** 3 | **Role:** Senior DevOps Engineer | **Technologies:** Programming Languages: Shell Script, PL/SQL, XML, Python; Operating System: UNIX, Windows; DevOps Tools: GitLab, Jenkins, JIRA, SonarQube, AWS; Databases – MS SQL, Terraform.

Project Description: A project from Healthcare department to handle medicine dispatch .

Responsibilities:

- Linux Shell scripting and Batch Scripting to Automate the Build and deployment of JAVA applications
- Configuring Jenkins Pipelines using groovy and AWS pipelines using CodePipeline, Ansible and code Deploy.
- Web Service hosting on APACHE Tomcat.
- Devops lead, managing deployment, code repositories, Service accounts
- Manage a wide spectrum of activities, such as server procurement, Application deployment, Upgrade In the pipeline.
- Automating Build, Unit test, Code scanning using Sonarqube and Fortify and Deployment on Target servers.

Project Title: Group Reconciliation SALOKHA (GRS) | **Client & Location:** Credit Suisse, Singapore | **Duration:** Jan 2019 – Aug 2023 | **Team Size:** 10 | **Role:** DevOps/Recon Engineer | **Technologies:** Programming Languages: Shell Script, PL/SQL, XML, Python; Reconciliation Tools: CTC; Operating System: UNIX, Windows; DevOps Tools: GITHub, Jenkins, Splunk, Message Queue, JIRA, Scheduling Tools - Control M, Autosys and Databases - Oracle, My SQL, Sybase, MongoDB

Project Description: Banking reconciliation project of over 700+ recons spread over 12 Instances.

Responsibilities:

- Linux Shell scripting and Database Stored procedure and python development.
- Configuring Jenkins Pipelines using groovy and REST API's
- Writing complex SQL queries to extract reports, performance tuning fo existing SQL's, designing Relational DB Structure
- Devops lead, managing deployment, code repositories, Service account Annual password / certificate renewals.
- Manage a wide spectrum of activities, such as server procurement, server capacity management, Application deployment, CI-CD pipeline, AURA Role deployment, Splunk configuration, Application upgrade.
- Awarded by CS for delivering Zero defect deliveries consistently for the last 4 years.

Project title: Global Reconciliation Utility (GRU) | **Client & Location:** UBS, Singapore | **Team Size:** 5 | **Duration:** Jan 2016 – Dec 2018 | **Role:** Team Lead -Release Manager | **Technologies:** Programming Languages: Shell Script, PL/SQL, XML, Python, BIRT; Reconciliation Tools: CTC; DevOps Tools: GIT, GitHub, Jenkins, Splunk, Ansible, Message Queue, JIRA Job Scheduling Tools: Control M, Autosys, Crontab and Databases: Oracle, My SQL, Sybase, MongoDB

Project Description: Banking reconciliation project of over 800+ recons spread over 10 Instances.

Responsibilities:

- Release Management / CI-CD pipeline setup / Solution architect, Configuring Jenkins Pipelines using groovy
- Devops lead, managing deployment, code repositories, Service account Annual password / certificate renewals,
- Manage a wide spectrum of activities, such as server procurement, server capacity management, Application deployment, CI-CD pipeline, AURA Role deployment, Splunk configuration, Application upgrade
- Automated Code deployment through Jenkins. Autosys version Upgrade

Project title: Global Gateway | **Client & Location:** UBS/ Pune, India, Singapore | **Team Size:** 1 | **Duration:** Aug 2013 – Jan 2015 | **Role:** Developer | **Project Objective:** Banking reconciliation project of over 20+ recons spread over 2 Instances.

Responsibilities:

- Functioned as Software Component Manager, responsible for stability of production and any code changes in the application.

Project Title: Point Balancer and Globe | **Client & Location:** UBS, Singapore | **Team Size:** 2 | **Duration:** Jan 2015 – Dec 2015 | **Role:** Team Lead/ Project Delivery and Decommission | **Technologies:** Shell Scripting/ MS SQL Database Development |

Project Description: Banking reconciliation project of over 20+ recons spread over 2 Instances.

Responsibilities:

- Worked as a Recon Developer and Shell / MS SQL DB Developer

Project Title: REX Reconciliation Tool | **Client & Location:** UBS/ Pune, India | **Team Size:** 4 | **Duration:** Nov 2011 - Aug 2013 | **Role:** Developer | **Technologies:** Sybase DB/ Shell Scripting/ C++ | **Project Description:** Banking reconciliation project of over 400+ recons spread over 6 Instances.

Responsibilities:

- Acted as Shell and PL SQL Developer