

# LEMBHE SATYAJIT SOMNATHRAO

Senior DevOps Engineer – Shell/AWS/Jenkins/ DevOps /GIT/Terraform

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

A Goal-driven individual with a positive attitude and relentless determination, highly ambitious multitasker; skilled in professional communication, able to meet or surpass monthly targets, and proficient in managing multiple tasks efficiently.

## 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

- **An agile professional with over 13 years of experience** in providing strategic leadership, guiding teams through the entire software delivery lifecycle, from planning and deployment to development and testing.
- **Impressive track record** in indentifying the loopholes in the process and preparing design checklist to ensure high quality code development and zero defect deliveries.
- **13 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:

- Proficient in Linux Shell, PowerShell, Terraform scripting, and database stored procedure development.
- Expertise in Jenkins for building and deploying applications, with extensive experience using GIT in GitLab.
- Responsible for planning project deliverables and managing the release lifecycle, coordinating schedules and resources based on third-party applications, defect backlogs, planned releases, and infrastructure updates.
- Strong communication skills with the ability to manage challenging clients in a fast-paced Agile environment.
- Experience in performance monitoring and application optimization using tools such as Dynatrace and Splunk.
- Skilled in designing AWS CI/CD pipelines and using code scanning tools like SonarQube and Fortify.
- Knowledgeable in GCC (Government on Commercial Cloud) and SHIP – HATS CI/CD processes.
- Leading a national-level healthcare project, ensuring high Service Level Indicators (SLIs), defining standard Service Level Objectives (SLOs), and meeting Service Level Agreements (SLAs).

Key Achievements:

- Successfully led a DevOps project independently, delivering a critical service within the first four months.
- Streamlined processes to eliminate work duplication and ensure timely delivery.
- Received client appreciation for enhancing stability and security in the deployment cycles.
- Adapted to a fast-paced development and deployment environment.
- Managed nine non-production and two production environments simultaneously, automating deployments to create a more robust system.

**Aug 2014 – Aug 2023 : Cognizant Technology Solutions, Singapore, as Senior Associate**

Key Deliverables:

- Proficient in Linux shell scripting, database stored procedure development, and Python programming.
- Skilled in writing complex SQL queries for report generation, performance tuning of existing SQL scripts, and designing relational database structures.
- Responsible for planning project deliverables and managing the release lifecycle, coordinating schedules and resources based on third-party applications, defect backlogs, planned releases, and infrastructure updates.
- Overseeing a wide range of activities, including server procurement, capacity management, application deployment, CI/CD pipeline management, AURA role deployment, Splunk configuration, and application upgrades.
- Leading the DevOps team to ensure timely service delivery while managing IT operations and developer activities.  
Driving the release management lifecycle, which includes scheduling releases, coordinating among teams, and deploying releases on time and within budget.

Key Achievements:

- Achieved zero defect deliveries in production for four consecutive years.
- Earned an 8 out of 10 top rating over 11 years of my career.
- Received the Difference Maker Award for Q1 2017, Q3 2019, and Q3 2020.

- Defined the implementation pattern as an architect, ensuring no negative impact on performance or system stability.

**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 - <a href="https://satyajitlembhe.com/">https://satyajitlembhe.com/</a>	S3, CloudFront, ACM, Route53, API Gateway, Lambda, SES, IAM	<ul style="list-style-type: none"> <li>- Static website Developed in JS hosted on S3.</li> <li>- Bought a domain on Route53, SSL certificate on ACM.</li> <li>- Linked CloudFront domain name and S3 Endpoint.</li> <li>- Wrote lambda function to send email through SES, and created Suitable roles in IAM.</li> <li>- Called API Gateway from Static website to call above lambda function.</li> </ul>
2	Automated code deployment to S3 from GIT	Jenkins/S3/GIT	<ul style="list-style-type: none"> <li>- Created a S3 bucket, Created IAM user with access ID and access key</li> <li>- Created a Jenkins job to POLL SCM after every 15 mins to check any new check in</li> <li>- In case there is any check in Identified then it will Pull the Data.</li> <li>- Batch file that will copy all the data from Workspace to Local directory and then aws S3.</li> </ul>
3	CI-CD With Jenkins with approval cycle	Jenkins, Batch, Shell Script, GIT	<ul style="list-style-type: none"> <li>- Wrote Batch and shell script and call it from Jenkins file</li> <li>- Add Multiple stages, with Approval stages</li> </ul>
4	Docker/ECS/Cloudformation/Cloudwatch handson	Docker/ECS/Cloudformation/Cloudwatch	<ul style="list-style-type: none"> <li>- Wrote docker commands to use existing Docker images</li> <li>- Wrote docker commands to create new Docker images</li> <li>- Deploying the ECS Cluster using CloudFormation</li> <li>- Setting Up ECS Task Definition under Fargate Mode with CloudFormation</li> <li>- ECS Scaling and Monitoring in Cloudwatch.</li> </ul>

## 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 procurment, Application deployment , Upgrade In the pipeline.
- Automating Build, Unit test, Code scanning usinng 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 procurment, 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 procurment, 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