

LEMBHE SATYAJIT SOMNATHRAO

Senior DevOps Engineer – Infra Manager/AWS/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
- Infra Manager
- CI-CD Pipeline (Terraform/PowerShell)
- AWS Certified Developer/ Solution Architecture / Data Engineer
- Infra monthly Maintenance
- Strong experience in **BFS and Healthcare**
- GIT Branching strategy
- Infrastructure Upgrade
- Dynatrace/Splunk/ELK

PROFILE SUMMARY

- **An agile professional with over 13 years of experience** in providing strategic leadership, guiding teams through the entire software delivery lifecycle, Managed end-to-end IT infrastructure deployment projects, including expansions, upgrades, and decommissions.
- **Impressive track record** in indentifying the loopholes in the process and preparing design checklist to ensure infra synchronisation between different global instance .
- **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 defining project scope, milestones, and deliverables in collaboration with stakeholders
- **3x AWS Certified** having strong Handon experience in AWS.
- **Strong communication skills** – Ability to handle difficult clients , comprehensive emails , maintaining strong bond with clients, adhering to the audit standards and make sure max availabilty of infra.

EMPLOYMENT OUTLINE

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

Key Deliverables:

- Working as Infrastructure manager who is responsible for managing 9 NON PROD and 2 PROD instances.
- Applied strong project management principles, including scope, schedule, cost, risk, procurement, and stakeholder management.
- Procurement and decommission of windows/Linux servers across.
- Led Monthly maintainance activities , apply security patches and OS updates. Vertical and horizontal scaling of servers.
- Proficient in Linux Shell, PowerShell, Terraform scripting, and database stored procedure development. Wrote Housekeeping scripts
- 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.
- Demonstrated Impeccable target delivery with accuracy and efficiency.
- Experience in performance monitoring and application optimization using tools such as Dynatrace and Splunk.
- Leading a national-level healthcare project, Addressed technical and security concerns, ensuring compliance with industry standards.

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 across all Environments .
- Applied strong project management principles, including scope, schedule, cost, risk, procurement, and stakeholder management. Managed nine non-production and two production environments simultaneously.

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

Key Deliverables:

- Working as Infrastructure manager who is responsible for managing 25 instances in 3 different regions (APAC , EMEA and AMS)
- Led Quartelrly maintainance activities , apply security patches and OS updates.
- Proficient in Linux shell scripting, database stored procedure development, and Python programming.
- 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, **vertical scaling** strategies by upgrading server resources (CPU, RAM, storage) to enhance performance and capacity.
- Optimized infrastructure by leveraging **horizontal scaling**, distributing workloads across multiple servers for improved redundancy and fault tolerance.

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(monitring 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 , AWS Certified Data Engineer Associate , Hashicorp Certified Terraform Associate Hands on Lab
- **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://satyajitlembh.com/	S3, CloudFront, ACM, Route53, API Gateway, Lambda, SES, IAM	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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.