

SRILEKHA SENTHILKUMAR

DEVOPS ENGINEER

Email: lekhaconst.1@gmail.com

Contact: 8072141765

LinkedIn: www.linkedin.com/in/srilekha-senthilkumar

Location: Chengalpattu, Tamilnadu

SUMMARY

Outcome-oriented and adept DevOps Engineer with 2.11 years of hands-on experience in designing, implementing, and maintaining robust CI/CD pipelines, Infrastructure as Code (IaC) & automation solutions. Worked in ecommerce website used by roughly 30 million users with 20+ AWS services.

SKILLS

DEVOPS TOOLS AND TECHNOLOGIES

- **Cloud Services and Infrastructure Management** - AWS (Amazon Web Services)(EC2, S3, ASG, ELB, ALB, Route53, VPC, Subnets, Route Table, CloudWatch, CodeCommit, CodeBuild, CodeDeploy, CloudFormation, Step Functions, RDS, Lambda)
- **Project Management and Collaboration** - JIRA
- **Version Control Systems** - Bitbucket, Git & Github
- **Continuous Integration/Continuous Deployment (CI/CD)** – Jenkins, AWS CodePipeline
- **Configuration Management and Automation** - Ansible
- **Monitoring, Logging, and Visualization** - Splunk, Grafana & Prometheus
- **Scripting and Automation** - Python
- **Containerization** - Docker & Kubernetes

EDUCATION

B.E Civil Engineering

Sri Sairam Engineering College 08/2017 - 04/2021

CGPA - 8.74

12th Standard (HSC)

JRK Matric. Hr. Sec. School 05/2016 - 03/2017

87.25%

10th Standard (SSC)

Sivananda Saraswathi Matric. Hr. Sec. School

05/2014 - 03/2015

96.4%

WORK EXPERIENCE

SINGAPORE AIRLINES - Devops Engineer.

Tata Consultancy Services Limited (TCS).

11/2021 - Present, Chennai.

- Transitioned EC2 instances to ARM Graviton, cutting costs by 20%.
- Developed ReactJS UI with 15-20 unit tests, boosting code reliability by 30%.
- Optimized nginx server configs, reducing response time by 40% (200ms to 120ms).
- Implemented SSL certificates on 10 servers, achieving 100% security compliance.
- Conducted 24 JMeter load tests, reducing downtime by 15% over one year.
- Enhanced DB security by 40% through a new AWS Secrets Manager policy.

- Added a Grafana booking metric, improving system performance by 20%.
- Migrated to RHEL for Nginx, cutting server response times by 25%.
- Streamlined S3 log access, reducing retrieval time by 40%.
- Prevented 10+ XSS attacks across 11 booking flows with regex and Java methods.
- Enforced CSP on 18 servers, reducing security incidents by 50%.

CERTIFICATES

AWS Certified Cloud Practitioner

(09/2023 - 09/2026)

LANGUAGES KNOWN

- Tamil - Native or Bilingual Proficiency
- English - Professional Working Proficiency