

SRIRAM MANIKANTH

Platform Engineer | DevOps Engineer | SRE | Systems Architect

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SUMMARY

Curious, hands-on engineer who enjoys solving messy operational problems and making complex systems easier for people to run. I bring a calm, structured approach to incidents and change, communicate clearly with technical and non-technical stakeholders, and care about building trust through reliability and follow-through. Over 5.5 years I have grown from implementing automation to designing platforms that scale with the business, always learning and improving how teams ship and operate software safely.

SKILLS

DevOps & SRE: DevOps, CI/CD, GitOps, SRE, System Architecture, Incident Management, Cost Management Strategies, ChatOps, Incident Response, Disaster Recovery (DR).

Cloud & Platforms: Kubernetes, Docker, AWS, Azure, GCP, Ansible, Chef, IBM MQ.

AI & Automation: Large Language Models (LLM), Azure OpenAI, AI Automation, Temporal Workflows, Python, Bash Scripting.

Collaboration: Microsoft Teams, Slack, Team Collaboration Tools.

EXPERIENCE

SALESFORCE

- Bangalore Urban, Karnataka

March 2026 – Present

Senior Member of Technical Staff

- Architected and built NextOps, a Slack-native ChatOps/self-service platform for automating production operations, featuring Temporal-backed workflows, a live Slack-administered RBAC engine, on-call automation, and AI-driven Root Cause Analysis.
- Designed and implemented Cosmic AI, a manifest-driven AI agent platform that manages multi-tenant cloud infrastructure via natural-language Slack/Teams chat, leveraging YAML specs for auto-compilation into Temporal workers with LLM query generation and capability-level RBAC.

INFORMATICA

- Bengaluru, Karnataka

April 2024 – March 2026

Senior DevOps Engineer

- Designed and developed a scalable AI Agent Orchestration Platform, incorporating dynamic task chaining, parallel execution, intelligent data flow, and a central agent knowledge layer for improved automation accuracy and accelerated multi-step workflows.
- Built Ops-Sage, an on-call alert automation system that validates incoming alerts against configured runbooks and executes remediations through the governed portal, reducing pager load for repeat failure patterns.
- Developed multiple Microsoft Teams bots to support team operations and streamline incident management processes.
- Created a self-service portal using Python and Temporal, enabling teams to independently run scripts and perform operational tasks, reducing reliance on DevOps/Platform support.
- Automated Emergency Bug Fix (EBF) deployments, optimizing the release process and minimizing manual intervention during critical releases.
- Partnered with customers to diagnose and resolve critical issues, ensuring high satisfaction and reliable service delivery.
- Contributed to Disaster Recovery (DR) drills, driving process enhancements and reducing recovery times annually.
- Collaborated with the FinOps team to monitor and optimize infrastructure costs, implementing cost-efficient architectures that significantly lowered cloud expenses.

INFORMATICA

- Bengaluru, Karnataka

September 2022 – April 2024

DevOps Engineer

- Led the onboarding of a multi-cloud data platform service across AWS, Azure, and GCP, optimizing data management workflows.
- Collaborated with cross-functional teams to implement GitOps methodologies, enhancing version control and deployment accuracy.
- Utilized Kubernetes to orchestrate containerized applications, improving scalability and resource utilization.
- Engineered infrastructure as code (IaC) using Terraform to ensure consistent and repeatable environment provisioning.
- Employed Chef for configuration management, automating software deployments and system configurations.
- Developed Python and Bash scripts to automate routine tasks, reducing manual effort by 80%.
- Played a key role in cloud migrations, ensuring minimal downtime and seamless data transition.
- Swiftly addressed production incidents, performing root cause analysis and implementing corrective actions.
- Contributed to the development of internal tools, streamlining team processes and enhancing productivity.

THOUGHTWORKS

- Bangalore Urban, Karnataka

December 2021 – August 2022

Infrastructure Consultant

- Implemented automation solutions using Python to streamline infrastructure management tasks.
- Managed application deployments within Kubernetes environments, ensuring smooth operations and scalability.
- Designed and implemented robust CI/CD pipelines to accelerate software delivery and improve release reliability.
- Conducted security vulnerability checks across infrastructure to maintain high security standards.
- Performed cost-cutting research for AWS cloud resources, identifying and implementing strategies to optimize expenditure.

TATA CONSULTANCY SERVICES

- Chennai, Tamil Nadu

August 2020 – November 2021

Assistant System Engineer

- Integrated CI/CD pipelines to automate build, test, and deployment processes for microservices, enhancing workflow efficiency.
- Configured and managed Kubernetes clusters for container orchestration and application deployment, ensuring reliable application performance.
- Automated preparation and configuration of testing platforms for IBM MQ software across cloud providers (AWS, Azure, IBM Cloud, GCP) and on-premise servers using Ansible, streamlining deployment processes.
- Built microservices into Docker images, facilitating containerization and deployment.

EDUCATION

CHENNAI INSTITUTE OF TECHNOLOGY

- Chennai, Tamil Nadu

January 2020

Bachelor of Engineering (BE) - Mechanical Engineering

IIFE LAXMI RAMAN HIGHER SECONDARY SCHOOL

- Chennai, Tamil Nadu

January 2016

HSLC - Bio-Math

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (Ongoing) | Containers and Kubernetes Essentials (IBM, Ongoing) | IBM MQ Developer Essentials (IBM, Ongoing) | Certified SolidWorks Associate (Dassault Systèmes, Ongoing) | Python Programming (Various Courses, Ongoing)

ACTIVITIES & HONORS

Volunteer: Dr. APJ Youth Club (Local community empowerment campaigns and volunteer work.).

Open Source Contribution: JsonQ (Contributor to JsonQ (a utility library for querying JSON data in Python/Golang).). <https://pypi.org/project/jsonQ/>