

Srujan Akumarthi

Principal Engineer in DevSecOps
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Professional Summary

Experienced Principal Engineer specializing in DevSecOps with expertise in cloud infrastructure, security implementation, and scalable systems architecture. Proven track record in optimizing cloud costs, implementing CI/CD pipelines, and maintaining high-availability systems handling 100k+ requests/second.

Technical Skills

- **Cloud Platforms:** AWS, GCP
- **Monitoring & Observability:** ELK, EFK, Sentry, DataDog, OpenTelemetry
- **CI/CD & Version Control:** GitHub, GitHub Actions, GitLab, Jenkins
- **Infrastructure:** Terraform, Chef
- **Databases:** MongoDB, Elasticsearch, MySQL
- **Message Queuing:** Kafka
- **Security:** AWS-WAF, Cloudflare, PCI-DSS compliance
- **Other Tools:** PowerDNS, OpenTelemetry

Professional Experience

Principal Engineer | CXScore

October 2023 - Present

- Architected and implemented infrastructure for AI product deployment and operations
- Established CI/CD pipelines and QA frameworks for LLM and AI models
- Designed clickstream analytics architecture and contributed to LLM model development
- Implemented comprehensive debugging and instrumentation systems
- Enhanced system robustness and scaling capabilities for scanning operations

Principal Engineer | PagarBook

October 2020 - October 2022

- Developed automated deployment and provisioning systems for operations
- Implemented InfoSec compliance for neo-banking project using Cloudflare and AWS-WAF
- Designed and deployed internal no-code engines for non-engineering teams
- Built comprehensive observability system using OpenTelemetry and DataDog
- Led team management and task delegation initiatives

DevSecOps Consultant | Self-Employed

August 2020 - October 2020

- Provided cloud cost optimization for various AWS customers
- Implemented PCI-DSS compliant infrastructure and monitoring frameworks
- Developed IoT device infrastructure on AWS
- Delivered architecture consulting and security implementation services
- Clients included: Invideo, PagarBook, Juntrax

DevOps Engineer | Epifi

November 2019 - August 2020

- Established base infrastructure using Terraform
- Created automated deployment pipelines using Jenkins
- Implemented infrastructure automation and monitoring solutions

DevOps Engineer | WebEngage

October 2016 - November 2019

- Improved service uptime from 90% to 97%
- Achieved 40% reduction in AWS costs
- Managed MongoDB, Kafka, and MySQL clusters
- Implemented environment reproducibility and configuration management
- Automated deployments and error tracking systems

DevOps Engineer | Browserstack

March 2016 - October 2016

- Implemented geo DNS setup across data centers using PowerDNS

- Developed multi-environment automation systems
- Optimized alert systems for improved actionability

DevOps Engineer | Tinyowl

April 2015 - March 2016

- Scaled AWS services and implemented Chef-based service deployment
- Established git workflow processes and monitoring systems
- Managed system downtimes and developer onboarding

Software Developer | Pricebaba

September 2014 - April 2015

- Developed e-commerce price comparison platform
- Implemented web scraping and data aggregation systems

Education

Bachelor of Technology in Computer Science and Engineering

Visvesvaraya National Institute of Technology, Nagpur

2010 - 2014

Notable Achievements

- Scaled systems to handle 100k requests/second average
- Managed MongoDB cluster of ~60TB
- Administered Elasticsearch cluster of ~30TB
- Handled Kafka processing of ~1 billion messages per second