SHIVAM GUPTA

DevOps Engineer with 7 years experience

B.Tech. – H.B.T.I. Kanpur, U.P., India

E: shivamgupta211@gmail.com
W: shivamgupta211.github.io

Bengaluru, Karnataka

Father : Hari Om Gupta
Gender : Male
DOB : Nov 2, 1993
Nationality : INDIAN
Languages : English & Hindi

Hobbies

- ★ Keep updated with latest Science and Technology
- ★ Reading Online articles
- ★ Watching Movies
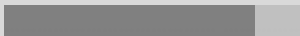- ★ Playing Guitar
- ★ Reading Books

Areas of Interest

- ★ World class applications
- ★ Robotics
- ★ DevOps
- ★ Adventure Sports
- ★ Traveling

Problem Solving

Self-Confidence

Creative, Innovative

Teamwork

Adaptability

Goal Oriented

About Me

I am an enthusiastic & creative person who keeps a solution-oriented approach to life. I like to keep pushing my limits & many times I go the extra mile to complete my goal.

Strength

By nature I am a very confident, hardworking and persistent person which I believe are my greatest strengths and I am dead sure that I will prove myself as an asset.

Education

Degree	Year of Passing	Institute	Board / University	Percentage
B.Tech.	2016	Harcourt Butler Technological Institute	U.P.T.U.	67.8%
Intermediate	2011	Army Public School, Kanpur	C.B.S.E.	93.0%

Technical knowledge

- Experience in building highly scalable and available SaaS products
- Experience in working with Linux/Ubuntu
- Experience in writing bash/shell scripts
- Experience in backend with NodeJS, Golang, Python
- Experience in databases like MongoDB, Redis, DynamoDB, MySQL, PostgreSQL
- Experience in implementing CI/CD with CircleCI, Jenkins, Spinnaker & ArgoCD
- Experience in Docker and orchestration like Kubernetes
- Experience with managed Kubernetes like GKE & EKS and its tools like HELM
- Experience in K8s Ingress like Nginx, Traefik & K8s service mesh like **Istio**
- Experience with Infrastructure as Code like Terraform & Ansible
- Experience in cluster monitoring, data collection and its analysis & reporting with Prometheus/Grafana, EFK stack
- Experience in 3rd party monitoring tools like Datadog & New Relic
- Experience with all major cloud providers like Google Cloud Platform, Amazon Web Services, Microsoft Azure
- Experience in building microservices and Serverless application
- Experience in Version Control System like Git
- Experience in DevSecOps
- Experience with very lean startups

Work Experience

1. FalconX
Sr. DevOps Engineer
The most technologically advanced digital asset trading platform in the world.

Bengaluru, Karnataka
September 2021 – present

Job Responsibilities
Handling uptime/maintenance/up-gradation of high frequency trading platform(HFT). Collaborating with multiple teams to better understand and architecting the solutions around HFT. Building and managing CI/CD on Jenkins and ArgoCD. Automating infra creation & setup on AWS with Terraform and Ansible. Securing the infrastructure with best DevSecOps practices.

Technology Used
Bash scripting, Python, Jenkins, ArgoCD, RDS, OpenSearch, Redis, Docker, Kubernetes, Terraform, Ansible, Amazon Web Services, Trivy, AWS SSM, Prometheus,

2. ShareChat (& Moj)
Sr. DevOps Engineer
Indian made social media and video platforms with over 350M monthly active users in total

Bengaluru, Karnataka
July 2020 – August 2021

Job Responsibilities
Handling DevOps requirements of a complete product, collaborating with multiple teams devs & leads and architecting the solution, managing microservices in 100s GKE clusters, building & managing CI/CD pipeline on Jenkins & Spinnaker, integrating various monitoring solutions for cluster, optimizing GCP resources cost, Redis database optimizations, setting up long-term metrics retention using ES, disaster recovery & management using terraform as IAC

Technology Used
Golang, Bash scripting, Python, Zuul, Jenkins, Spinnaker, CloudSQL, BigQuery, Redis, Docker, Kubernetes, Terraform, Istio, Ansible, Google Cloud Platform and Amazon Web Services.

3. Rentomojo
Sr. Software Engineer (DevOps)
Rentomojo provides a platform for the customers to get furniture and electronics on monthly subscription basis

Bengaluru, Karnataka
June 2019 – July 2020

Job Responsibilities
Working on Back-end web platform, building & managing CI/CD pipeline on CircleCI, managing Kubernetes cluster hostedon AWS, Using Istio as service mesh, integrating various monitoring solutions for both cluster and DB, optimizing AWS resources cost, architecting tech stack for new products and requirements, Database Optimizations

Technology Used
NodeJs, Golang, Bash scripting, Python, MongoDB, PostgreSQL, Redis, DynamoDB, Serverless, Docker, Kubernetes, Terraform, Istio, Ansible, CircleCI, Google Cloud Platform and Amazon Web Services.

4. GoVocal.AI
Sr. Software Engineer
Building highly scalable SaaS platform for developers to prototype, build and publish voice applications for Amazon Alexa, Google Assistant, Microsoft Cortana etc.

Gurugram, Haryana
July 2017 – May 2019

Job Responsibilities
Handling complete back-end web platform, managing CI/CD pipeline for Azure & GCP, managing Docker swarm cluster hosted on Microsoft Azure cloud, managing microservices hosted in Google Cloud App Engine and leading a team of 2 experienced software developers.

Technology Used
NodeJs, Python, Loopback, MongoDB, Redis, Docker, Docker Swarm orchestration, Microsoft Azure cloud, Google Cloud Platform

5. AreteCode Tech. Pvt. Ltd.   Noida, U.P.
Full Stack Web Developer   July 2016 – June 2017

HTML, CSS, JavaScript, JQuery, AJAX, UnderscoreJS, REST APIs, ReactJs, NodeJs, MySQL.