

SATYAM KAPOOR

Site Reliability Engineer

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EDUCATION

MSc Applied Computer Science

Vrije Universiteit Brussel, Belgium

2016 - 2018

B.tech Bioinformatics

Jaypee University of IT, India

2012 - 2016

TECHNOLOGY

DAY-TO-DAY COMFORT

Docker, Kubernetes, Docker-Swarm

AWS, DigitalOcean, GCP

Jenkins, CircleCi

Git, Github, Bitbucket

Ansible, Terraform

Python, Java (Spring), PHP, JS (Angular)

nginx, apache2

HTML5, CSS, MySQL

DNS, SSH TCP/IP

EXPERTISE

Infrastructure as a Code

CI/CD Pipeline design

Microservices

Security

Authentication & Authorisation

System architecture design

PROFILE

An enthusiast trying to use technology to solve common problems, is what defines me the best. Currently on a mission - learning, promoting & setting up devOps culture in tech. teams. Have hands on experience in configuring a scalable, robust and High Availability development & production environment using Cloud-Native tools like Kubernetes on AWS.

EXPERIENCE

Site Reliability Engineer

DPG Media | Antwerp, Belgium | May 2022 - Present

Responsibilities:

- Implement observability (Prometheus, Thanos, Loki).
- Help teams move to GitOps (ArgoCD).
- Understand and help develop the MLOps framework.
- Contribute in development of a cli to ease out operations.
- Develop and expand helm charts (allow devs to have monitoring, alerts, traffic-Splitting, canary deployments to resources)
- Maintain and debug CICD Pipelines (AWS Codebuild & Codepipeline)

CLOUD INFRASTRUCTURE ENGINEER

Sitecore | Brussels, Belgium | Jan 2021 - May 2022

Responsibilities:

- Maintenance, management, and development related to cloud resources (Microsoft Azure).
- Transitioning infrastructure code to GitOps using Flux.
- Expanding and maintaining the monitoring stack, including Thanos, Prometheus, and Grafana.
- Managing multiple Kubernetes clusters (AKS).
- Creating high-quality internal Terraform modules.
- Administering Elastic Cloud Enterprise instances.

DevOps Engineer

Anju Software Inc | Antwerp, Belgium | May 2019 - Jan 2021

My responsibility includes developing and maintaining the infrastructure on cloud (AWS) and on prem using Infrastructure as Code including,

- Writing & maintaining scripts to remove toil - Ansible, Python, Terraform

EXTRA

LANGUAGES

Hindi [native]

English [proficient]

Dutch [beginner]

French [beginner]

EXPERIENCE Continued

- Writing & maintaining scripts to remove toil - Ansible, Python, Terraform
- Planning and implementing efficient architecture patterns
- Implementing & maintaining CI/CD pipeline using tools like Jenkins, bitbucket, Sonatype Nexus, Sonatype SonarQube.
- Maintaining and administering Kubernetes clusters (AWS EKS)
- Maintaining & Administering Linux machines in on prem data centre.
- Configuring monitoring systems (using custom as well as industry standards - EFK stack)
- Achieving SLO's by configuring High Availability.

Software Engineer

AXA | Brussels, Belgium | September 2018 - February 2019

My responsibility included developing and maintaining the REST API of the client facing mobile application. I worked on

- Implement caching in the API - using Ehcache in Java
- Extending the API to incorporate functional requirement directed by analysts

INTERESTS

Photography

Reading

Synthesizer

Biking

Yoga

REFERENCES

Nandesh Nair

Anju Software Inc.

Software Engineer

T: [\[Request\]](#)

E: [\[Request\]](#)

Bart Naudts

IbTech

System Architect

T: [\[Request\]](#)

E: [\[Request\]](#)
