

# SATYAM KAPOOR

DEVOPS 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

## 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.

## 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

## EXPERIENCE

### DEVOPS ENGINEER

Anju Software Inc | Antwerp, Belgium | May 2019 - Present

My responsibility includes developing and maintaining the infrastructure on cloud (AWS) and on prem using Infrastructure as Code. My responsibilities include

- 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

### SOFTWARE DEVELOPER (REMOTE)

Idoolocal Inc. | New York, USA | August 2016 - September 2018

My responsibility included responsive web application development (**PHP, Python**), integrating applications with 3rd party services using **REST API - mailgun, twilio** etc. I was also responsible for handling cloud infrastructure on **DigitalOcean**.

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## EXTRA

### CORONAHACK (HACKATHON)

3rd Position  
London | April 2020

### DEVELOPING ON AWS (TRAINING)

AXA, Belgium  
Brussels | Feb 2019

### LANGUAGES

Hindi [native]  
English [proficient]  
Dutch [beginner]  
French [beginner]

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## INTERESTS

Photography  
Reading  
Synthesizer  
Biking  
Yoga

## EXPERIENCE *Continued*

### SOFTWARE DEVELOPER

Erasmus Student Network | Brussels, Belgium | July 2018 - August 2018  
I worked on developing an event matching web tool for the Social Erasmus project with an aim to connect Erasmus volunteers with schools. Technology: **PHP (Drupal), MySQL**

### SOFTWARE DEVELOPER (STUDENT)

Vrije Universiteit Brussel | Brussels, Belgium | February 2017 - June 2017  
I worked on development of CliniPhenome (a phenotypic database) in **PHP's** open source MVC framework **CodeIgniter**. Technology: **PHP, MySQL, Docker**

### SUMMER INTERN

UniWeb - eHealth & eBusiness | Meise, Belgium | July 2017  
worked on improvement of an eHealth application. Researched on the UX/UI improvements for the application. Also made documentation about configuration of development environment in WSL (**Windows Subsystem for Linux**)

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## REFERENCES

### Nandesh Nair

Anju Software Inc.  
Software Engineer

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

### Bart Naudts

IbTech  
System Architect

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

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