

# Yash Tandon

SITE RELIABILITY ENGINEER

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## Skills

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<b>Programming</b>	Python, Go, C/C++
<b>Web</b>	Django with Python, Express with Node.JS, Echo, HTML5, CSS
<b>Tools/Platforms</b>	Git, Terraform, ELK, Opensearch, Apache Kafka, Apache Druid AWS, Azure, GCP, Docker, Kubernetes
<b>Databases</b>	Scylla, MongoDB, Cassandra, Redis, Postgres, MySQL
<b>Monitoring/Analytics</b>	Prometheus, Grafana, New Relic, Loki
<b>CI/CD</b>	Jenkins, Gitlab CI/CD, Argo CD
<b>IAC</b>	Terraform, Crossplane

## Experience

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### Sprinklr

SENIOR DEVOPS ENGINEER

Bangalore, India

Dec. 2022 - Present

- Migrated the AWS clusters to Karpenter provisioner
- Working on replacing default CNI of the clusters with Cilium
- Upgraded and managed Prometheus clusters of entire production environment
- Working on improving Terraform for infrastructure provisioning

### Unacademy

SENIOR SITE RELIABILITY ENGINEER

Bangalore, India

Oct. 2022 - Dec. 2022

- Worked on Crossplane Implementation
- Designed and Implemented ArgoCD pipelines
- Worked actively on AWS cloud cost optimisation
- Made improvements to multiple modules of the internal Devops tools
- Worked on Automation of infrastructure for multiple usecases using Python and Terraform

### Yellow AI

SOFTWARE ENGINEER - DEVOPS

Bangalore, India

Jan. 2021 - Oct. 2022

- Worked on almost every aspect of development - Backend development, DBdesign, Cloud architecture design and implementation, DevOps
- Took the ownership and deployed the entire platform in multiple regions across multiple clouds using Terraform
- Managed and handled deployments for over 30+ microservices on Kubernetes
- Triage and resolve critical issues across all regions
- Patched multiple vulnerabilities in multiple VMs, cluster to maintain secure cloud infrastructure
- Experience in working with various AWS, GCP and Azure services to manage and perform day-to-day tasks
- Designed and developed a Central access platform for entire infrastructure for better and secure access to cloud and on-premise infrastructure
- Experience setting up different databases, including working knowledge of SQL and NoSQL databases
- Designed and implemented Opensearch for Logs Analysis and implementing dashboards over crucial indices
- Setup Federated Prometheus and Grafana for monitoring every kubernetes cluster and VM across regions
- Designed and implemented MIFlow as an attempt to introduce MLOps pipeline for the ML Team
- Implemented API Gateway using Nginx
- Setup entire Data Analytics Infrastructure - Druid, Kafka, Logstash for the analytics team for better data visibility

## Internships

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### Hyperverge

SOFTWARE ENGINEER INTERN

Bangalore, India

July 2020 - Jan. 2021

- Worked with the Platforms Team
- Migrated the current Infrastructure to Kubernetes.
- Worked actively towards Cost Optimisation on AWS.
- Revamped the Authentication Dashboard using a RBAC approach with Google OAuth
- Participated Actively in Improving UI/UX as well as backend of several apps

## Capgemini

SENIOR ANALYST INTERN

Pune, India

Jan. 2020 - Apr. 2020

- Primarily recieved training on the SFDC Platform.
- Worked on multiple projects as an evaluation for the training completion using Lightning Web Components, Aura,etc.
- Recieved training on Java, AngularJS, Bootstrap, SQL, etc.

## CeX Webuy

SOFTWARE ENGINEER INTERN

Mumbai, India

May 2018 - June 2018

- Used Yii framework along with JQuery to create a reusable component for the product code.
- Performed Unit testing, Acceptance testing using PHPunit.

## Education

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### SRMIST(SRM Institute of Science and Technology)

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING, GPA: 8.78/10

Chennai, India

July. 2016 - May. 2020

## Publications

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2020    **Distributed File Storage Using Blockchains**, International Journal of Science and Technology

Chennai, India

## Extracurricular Activity

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### Webarch Club

SECRETARY

Chennai

2019 - 2020

- Led a team of 50+ plus members
- Delivered multiple clients projects
- Organised hackathon and code contests in the college
- Contributed to the website code and ensured on-time delivery to the clients

### CSE Association (Hacking & Security research group)

COMMITTEE MEMBER

Chennai, India

2018 - 2019

- Organised multiple gaming,coding and sports activities
- Represented the Computer Science Department in multiple coding competitions
- Worked along with Faculties in organising non-tech activities for the students

### Quality Assurance, Aaruush

COMMITTEE MEMBER

Chennai, India

2017-2019

- Helped in the Quality Assurance team of Aaruush ( A national level techno management fest held at SRM Institute Of Science and Technology)
- Responsible for proper functioning of workshops, events and reporting if there are any concerns
- Helped with the accommodation of visitors from different universities