

# Sanskar Jaiswal

DevOps Engineer and Open Source Enthusiast

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## EXPERIENCE

### [Weaveworks](#), Remote (December 2021 – Present)

#### *Associate Software Engineer*

Working on the FluxCD family of open source projects like Flux, Flagger, etc. Writing Kubernetes controllers with production grade GoLang.

### [SixSense.ai](#), Remote (June 2020 – December 2021)

#### *Backend Developer and Systems Architect, Intern*

Developed and designed large scale backend systems, integrating AI models using Django, PostgreSQL, RabbitMQ, Docker and Kubernetes. Managed databases with more than 5,000,000 rows and setup CI/CD workflows using Cloud Build.

### [Tremor, CNCF](#) (August 2021 – October 2021)

#### *Linux Foundation Mentee*

Working on adding support for Protocol Buffers as a type in the type system. Introducing support for HTTP/2 and gRPC connectors. The project involves code generation, dynamic linking and nontrivial Rust.

## PROJECTS / OSS CONTRIBUTIONS

### [Deploying CTF challenges](#) - DevOps & System Infra

Deployed CTF challenges played by 1000+ people in production on a Kubernetes cluster and managed to achieve almost zero downtime.

### [kv-store](#) - CLI, Backend, Database, NATS

A key-value store from scratch exposed via a server with a subscription feature. A CLI client is also provided which consumes the server.

### [cluster-config-controller](#) - Kubernetes Operator Dev

A Kubernetes Operator that lets users define cluster-scoped ConfigMaps and reconciles child ConfigMaps in the specified namespaces.

### [Linkerd](#) - Service Mesh

Improved the check and uninstall process. Implementing RFC 2616 in the proxy.

### [tremor-runtime](#) - Distributed Systems & Event Processing

I have worked on improving the existing REST and Kafka connectors and added support from scratch for a NATS.io connector.

## SKILLS & LANGUAGES

Languages: GoLang, Python, Rust, Bash

Technologies: Docker, Kubernetes, Linkerd, Istio, Flux, Prometheus, Flagger, Git

Cloud Platforms: AWS, GCP

## RECOGNITION

Recipient of the VIT University Chancellor's Achiever's Award 2020

Recipient of the VIT University Chancellor's Special Achiever's Award 2021

Winner at HackTheCrisis'20 organized by Gov't of India

Bronze Winner at RedisConf 21 Hackathon

## ORGANIZATIONS

Technical Head at [IEEE-VIT](#) (2020 – 2021)

## EDUCATION

**Vellore Institute of Technology, Vellore**  
Bachelor's of Technology (ECE)  
July 2018 – May 2022