

Rohan Kumar

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EDUCATION

Kalinga Institute of Industrial Technology

Bachelor of Technology in Computer Science and Engineering, GPA: **9.23**

Bhubaneswar, India

June, 2019 – May, 2023

Sido Kanhu High School

All India Senior School Certificate Examinations

Dumka, India

May, 2016 – March, 2018

EXPERIENCE AND OPEN SOURCE WORK

Argo Workflows

Open Source Contributor

Jan 2022 - Present

Argo Workflows is an open source container-native workflow engine for orchestrating parallel jobs on Kubernetes.

- Implemented features for HTTP templates.
- Improved documentation and fixed some bugs.

Machaa Inc.

SRE Intern

Remote

Jan 2022 - March 2022

- Responsible for managing the development and production Kubernetes clusters, checking and debugging for errors in any of the micro services.
- Set up a centralized logging system using Elasticsearch, Kibana, Logstash and Filebeat to get logs from several EC2 vms and Kubernetes cluster at one place.

Desire Foundation

Full Stack Web Developer

Remote

April 2020 - Present

- Helped the foundation attain critical audience by designing and developing their blog site. Used GatsbyJS, Typescript and MySQL.

PROJECTS

arima

January 2022

A distributed, fault-tolerant, key-value store

- The data is persisted on the disk using BadgerDB. Replication and fault-tolerance is achieved using Raft.
- It also provides a simple HTTP API for accessing the data.

argodocs

February 2022

Generate reference documentation for argo workflow templates.

- Parses the workflow yaml file to get the metadata.
- Generates rich markdown documents from the comments and metadata.

TECHNICAL SKILLS

- **Languages:** Python, Golang, Javascript, C/C++
- **Development:** React, NodeJS, Typescript, Echo, Django
- **Databases:** MongoDB, MySQL
- **Others:** Linux, Git, SQL, CI/CD, Docker, Kubernetes