

# Rohan Kumar

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## EDUCATION

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### 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

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### 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 monitoring and managing the development and production Kubernetes clusters.
- Integrated CI/CD pipelines for various microservices
- 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

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### 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

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