

(+91)9007823701
codewithaniruddha@gmail.com
Github://[aniruddha2000](#)
Blog://[aniruddha.home.blog](#)
Website://[aniruddha](#)
Linkedin://[aniruddha2000](#)

Education

B. P. Poddar Institute of Management And Technology
B.Tech in Computer Science and Engineering
Graduation September 2023
Kolkata, India
CGPA - 9.7

Guru Nanak Institute of Technology
Diploma in Electronics and Telecommunication Engineering
Graduated July 2020
Kolkata, India
CGPA - 8.2

SKILLS

Operating System

Linux(Ubuntu), Windows

Languages

Golang, Python

Tools & Technologies

Django, Docker, Kubernetes

Concepts

OOP design pattern,
Compiler Design,
Operating System, DBMS,
Computer Networking,
Test Driven Development,
REST API, GraphQL,
Virtualization

Databases

PostgreSQL, MySQL, SQLite

VCS

Git & GitHub

EXTRACURRICULAR

Member: Open Source Society

Hobbies: Cycling, Swimming

Google Developer Students Club

Aniruddha Basak

Software Engineer Intern

EXPERIENCE

Defense.com

Software Engineer Intern

Development Team -

- Worked on Microservice **REST API** written in **Golang** that serves **thousands of requests** coming from remote Log Agent. Written **Mock Test**(HTTP, MongoDB) Cases for various services.
- Worked on **helm charts** and scripts for Gitlab CI/CD pipeline.

Remote

(Nov 2022 -Present)

Kubernetes Cluster API Release Team

CI Signal/Bug Triage/Automation Shadow (Dec 2022 - Mar 2023)

Remote

- **Signal -**
 - Responsibility for the quality of the release.
 - Continuously monitor the CI signal so that a release can be cut at any time.
 - Add CI signal for new release branches.
- **Bug Triage -**
 - Make sure blocking issues and bugs are triaged and dealt with in a timely fashion.
- **Automation -**
 - Maintain and improve release automation, tooling & related developer docs.

The Linux Foundation

CNCF - LFX Mentorship - Kubernetes

Woked on the **Image Builder** project to build OS images of **Ubuntu** with GPU drivers.

Extend **GCP Machine API** to expose the option required to provision a GCP instance with GPUs attached. And write **unit & e2e** tests for the same.

Remote

(June 2022 - August 2022)

PROJECTS

kontroller - Golang, Kubernetes, client-go

An admission controller webhook that intercepts pod creation event and **mutates** pod annotations, and **validates** it.

(Mar 2023)

koprator - Golang, Kubernetes, client-go

The operator subscribes to k8s objects like pods & ConfigMaps. The ConfigMap that is in the Kube-system namespace has annotation data in it. The operator takes the annotation from the ConfigMap and adds those to every pod present in all namespaces.

(Mar 2023)

Yosemite - Golang, Kubernetes, client-go

A client that checks deployment in a specified namespace every 30 seconds, and if there's a specific env var not present it will delete the deployment otherwise will keep it as it is.

(Sep 2022)