

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

Aniruddha Basak

Software Engineering Intern

EXPERIENCE

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

The Linux Foundation

CNCF - LFX Mentorship - Kubernetes (June 2022 - August 2022)
Worked on **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.

Open Source Contributor

Flatcar Linux, Kubernetes (Dec 2018 – Present) Remote
Flatcar: Updated different packages, resolved issues by writing necessary shell scripts, worked on fleetlock protocol and wrote Golang code to integrate into their reboot manager, and also fixed bugs.
Kubernetes: Worked on features and fixed bugs in different projects [Cluster API, Cluster API GCP, Image Builder].

PROJECTS

k8s-run-e2e - Golang, Kubernetes, client-go (Oct 2022)
A client go app that runs the k8s conformance test, collects the pod logs, and saves them in a file.

Yosemite - Golang, Kubernetes, client-go (Sep 2022)
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.

eetcede - Golang (Apr 2022)
A key-value storage REST API that supports multiple storage types like In-Memory & Disk etc.

AWARDS & CERTIFICATION

Crash Course on python from Coursera.
Mathematical Thinking in Computer Science from Coursera.