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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

k8s-run-e2e - Golang, Kubernetes, client-go

A client go app that runs the k8s conformance test, collects the pod logs, and saves them in a file.

(Oct 2022)

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)