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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

EXPERIENCE

Defense.com

Software Engineer

Software Engineer Intern

Remote

(May 2022 - Present)

(Nov 2022 -Apr 2023)

- **REST API** Microservice wrote in **Golang** that serves **requests** coming from remote Log Agent.
- Written **Unit Test**(HTTP, MongoDB). Mocked internal service.
- Adding CI lint and testing to Gitlab CI/CD pipeline.

Kubernetes Cluster API Release Team (1.4, 1.5)

CI Signal/Bug Triage/Automation Shadow

Remote

(Dec 2022 - Present)

- **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

(June 2022 - August 2022)

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

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

PROJECTS

kontroller - Golang, Kubernetes, client-go

(Mar 2023)

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

koprator - Golang, Kubernetes, client-go

(Mar 2023)

The operator subscribes to pods & ConfigMaps and takes the values of ConfigMaps and apply to the pod in every namespace.

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.