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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

Remote
(Nov 2022 -Present)

The Linux Foundation

CNCF - LFX Mentorship - Kubernetes

Remote
(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

Remote
(Dec 2018 – Present)

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.