Aniruddha Basak
Computer Science

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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, C, Bash, HTML, CSS, JavaScript
Tools & Technologies
Django, Flask, 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

EXPERIENCE

The Linux Foundation   Kolkata, India
CNCF - LFX Mentorship - Kubernetes   (June 2022 - August 2022)
Woked 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.

Google   Kolkata, India
Developer Students Club Lead   (Aug 2021 - June 2022)
Conducted Events on Machine Learning, and Cloud, Delivered talks on various projects and managed a core team.

Open Source Contributor   Remote
Flatcar Linux, Kubernetes   (Dec 2018 – Present)
Flatcar: Updated different packages, resolved issues by writing necessary shell scripts, worked on fleetlock protocol and written Golang code to integrate into their reboot manager, and also fixed bugs.
Kubernetes: Worked on features and fixed bugs. [Root Disk Image] [Pick a zone]

PROJECTS

k8s-run-e2e - Golang, Kubernetes, client-go   (Oct 2022)
A client go app that runs the k8s conformance test and 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.
Link - Github-yosemite
eetcede - Golang   (Apr 2022)
A key-value storage REST API that supports multiple storage types like In-Memory & Disk etc.
Link - Github eetcede
Blogger - Golang   (Feb 2022 - Apr 2022)
This is a blog REST API backend written in Go.
Link - Github-blogger

AWARDS & CERTIFICATION

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