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# Aniruddha Basak

## Computer Science

### 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, 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

**The Linux Foundation**

Kolkata, India

**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.

**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 various packages and resolved issues by writing necessary shell scripts and 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

**hackernews** - Golang

(May 2022)

A GraphQL API to serve MySQL data

Link - [Github-hackernews](#)

**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](#)

**gols** - Golang

(Nov 2021)

This is a clone of the ls command written in Go.

Link - [Github](#)

#### AWARDS & CERTIFICATION

**Crash Course on python** from Coursera.

**Mathematical Thinking in Computer Science** from Coursera.