

Sumitabh Biswas

sumitabh1710@gmail.com

| +(91)-9742898532 | [Git\(sumitabh1710\)](#)

EDUCATION

DSCE, Bangalore

B.Tech in Mechanical

Graduated 2020 7.20 CGPA

ALGOUNIVERSITY (YC S21)

San Francisco, US (Remote)

Leap Batch of 2021 8 months

Learned Problem Solving and solved 300+ problems using DSA & made scalable projects under mentorship of Senior Engineers from Google, Apple, Grab Singapore and Microsoft.

COURSEWORK

ALGOUNIVERSITY

Problem Solving using DSA
Competitive Programming
CS Fundamentals System
Design

Scalable Architecture &
design Soft Skills
Version Control - Git
Low Level Design

SKILLS

LANGUAGES

Python • Java • C++

FRAMEWORKS

Django • DjangoRestFramework

WEB TECHNOLOGIES

HTML • CSS • JavaScript

TOOLS

Docker • PostgreSQL

OTHERS

Bootstrap • SQL • MongoDB •
React • Express • Node • Kivy

EXPERIENCE

BYJU'S | Academic Specialist

October 20 - Present | Bangalore

Tutoring Team (K-10)

- Conducting online audio/video classes, clarifying doubts, creating a positive learning environment for our students in grades 4 to 10.
- Providing error-free step-by-step solutions to the questions raised by the students.
- Helping students to strengthen their understanding of the concepts of Mathematics subject.

PROJECTS

ONLINE JUDGE | (DJANGO-BASED Remote Code Evaluator)

March 2022 - Present

- Built an Online judge that remote runs code securely and judges if the given code is correct/wrong/inefficient.
- Used python for implementation by exploring DOCKER and SANDBOXING techniques
- Techstack : python, django, web framework, docker, postgresql and deployed at production in AWS Cloud
- A single server can handle up to 2000 users during contest with HORIZONTAL SCALING.

BLOG MANAGER | (DJANGO-BASED WEBSITE)

Jan 2022 - March 2022

- Built a Blog managing Website that manages blogs for users.
- (MVT)-model,view,template architecture is used to access (POST/GET) requests which is passed as object to the function and facilitates the response.
- Backend compatibility provided using Django framework.
- Interactive features provided using Bootstrap.

ACHIEVEMENTS (ACADEMIC + PROFESSIONAL)

SAE Supra Suspension Team

Active on programming sites - Leetcode