

Archit Jain

Email: archit.jain@students.iiit.ac.in

Website: architjain128.github.io

GitHub: Architjain128

LinkedIn: <https://www.linkedin.com/in/archit-jain-you/>

EDUCATION

IIIT HYDERABAD

B-TECH IN COMPUTER SCIENCE
AND ENGINEERING

2019-2023 | CGPA: 8.63

SKILLS

LANGUAGES

C, C++, Python, JavaScript,
Bash, HTML5, CSS

FRAMEWORKS

Flask, Bootstrap, React, React
Native, Node, Django, FastAPI,
Jquery

MISCELLANEOUS

MySQL, Git, MongoDB, MERN

COURSEWORK

Introduction to Software Systems
Data Structures and Algorithms
Operating Systems & Networks
Data and Applications

ACHIEVEMENT

JEE MAIN 2019: AIR 128

JEE Advance 2019: AIR 2128

LEADERSHIP ROLES

ASTRONOMY CLUB COORDINATOR

Organising and managing various
events

STUDENT MENTOR

Manage a week-long online induction
program for freshmen of batch 2020

EXPERIENCE

OPEN SOURCE CONTRIBUTOR | COVIDTODAY

SINCE JULY 2020 | ReactJs

Worked as a Open-Source contributor for a multidisciplinary volunteer
team on technology enabled response to the COVID19 pandemic in India.

OPEN SOURCE CONTRIBUTOR | OSDG-IIITH

May 2020 – September 2020 | ReactJs, MongoDB, FastAPI

Contributed as a Full stack developer for my college's club website
as a summer activity with a team of my batchmates under the
mentorship of seniors.

PROJECTS

LINUX SHELL MONSOON 2020 | C

A command line interface based on the Unix Bash shell. Supports multiple
commands per line, signal handling, and chained redirection and piping.

DATABASE DESIGNING MONSOON 2020 | Python, MySQL

A database-project in MYSQL and a CLI via python PyMySQL for a Hotel
Management Company. It covers all CRUD operations on for all entities with
Normalization.

MULTITHREADING EXAMPLES MONSOON 2020 | C

Used concepts of multithreading, mutex locks, semaphores and process
synchronization to implement two real life systems:

- A system that simulates event management by having 3 distinct kinds of
performers and multiple stages to perform. Also implemented timed wait.
- A system that simulates production of vaccine by multiple companies with
different effectiveness, supplied to multiple zones which was used to
vaccinate students arriving at random times.

MODIFYING THE XV6 OPERATING SYSTEM MONSOON 2020 | C

Tweaked the xv6 Operating System to add several new scheduling
algorithms, namely first-cum-first-serve, priority-based and multi-level-
feedback-queue, along with a couple of system calls

RIVER CROSSING GAME SPRING 2020 | PYTHON

Terminal based 2 player game like river crossing implemented using OOPS
concepts. Has multiple stationary as well as moving obstacles like thorns and
sharks with time countdown for scoring