

SOURAV MONDAL

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OBJECTIVE

A software development role that provides plenty of challenges and learning opportunities.

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

JULY 10, 2017 - PRESENT

Bachelor of Technology in **Computer Science And Engineering**

EXPERIENCE

LINKEDIN PROFILE: [SOURAVMONDALDEV](#)

GITHUB PROFILE : [SOURAVMONDALDEV](#)

CODEFORCES PROFILE: [SOURAVMONDAL](#)

FACEBOOK PROFILE: [SOURAVMONDALDEV](#)

JPMORGAN CHASE & CO.

12 MAY,2020 - PRESENT

SOFTWARE ENGINEERING VIRTUAL INTERNSHIP

- Interface with a stock price data feed and set up a system for analysis of the data
- Created optimal solutions to make stock price comparison using python
- Use JPMorgan Chase frameworks and tools and implemented a perspective open source code for data visualization
- Created a chart for visualization of traders dashboard

NITD

18 MAY,2020 - PRESENT

SUMMER RESEARCH INTERN

- Build a pareto optimal code for student choice database and to give their best choice available
- Collaborated with different teams to complete projects on tight deadlines.
- Implemented Draw Algorithm code in python which takes student preference information for room numbers to be allotted in a hostel and the algorithm automatically generates the best choice of room available for the students.

PROJECT

SMLIB- OFFLINE LIBRARY MANAGER APPLICATION

PYTHON, SQLITE, TKINTER

- Interface with all stock books available in the library at the moment. One can issue books, update, search and delete book records from the library.
- Created a proper backend database for the application using sqlite3
- Created a chart for visualization of books dashboard with scroll enabled

BUS RESERVATION SYSTEM

C++

- A simple bus reservation system that allows you to add bus information manually.
- Allows users to show bus details and reserve vacant seats available in the buses available.

SKILLS & INTERESTS

- **Languages and Frameworks:** C++, Python, Java, C, Bash, React
- **Other Tech Stack:** GCP, MySQL, Sqlite, tkinter, Twilio, Tensorflow, Flutter, Data Structure and Algorithms
- **Operating Systems:** Windows, Linux
- **Interests:** Open source contributor, CTF hunter and love to solve coding challenges.