SOURAV MONDAL

SOURAVMONDAL0341@GMAIL.COM· +917365865228 · ASANSOL, WEST BENGAL, INDIA

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   *CODECHEF PROFILE:* *SOURAVMONDAL*
FACEBOOK PROFILE: SOURAVMONDALDEV   *PORTFOLIO:* 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 implimented 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   **CPP**

- 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.

OPEN STREET MAP ROUTE PLANEER   **CPP**

- A path planning project using OpenStreetMap and Cpp to get the shortest path from any two points in a given map.

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.