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🔗 [imsoumya18](https://github.com/imsoumya18)


EDUCATION

Indian Institute of Engineering Science and Technology (IIST), Shibpur 2019 – 2023
BTech in Computer Science & Technology - CGPA - 7.91

Bhatpara Amarkrishna Pathsala (H. S.) 2017 – 2019
12th - WBCHSE - Percentage - 81.6%

Bhatpara Amarkrishna Pathsala (H. S.) 2011 – 2017
10th - WBBSE - Percentage - 92.14%

EXPERIENCE

Upwork  June, 2020 – May, 2023
Software Developer - Python *Remote*

- Maintained an exceptional **job success rate of over 70%**.
- Developed **5 browser automation and scraping tools** using **Selenium and BeautifulSoup**.
- Implemented **10+ bots for Discord**, using **diverse APIs and cron scheduling** to automate tasks, enhance user experience, and drive engagement.
- Successfully managed and delivered 3-5 projects **concurrently**, using diverse technologies, ensuring **timely completion and client satisfaction**.

PROJECTS

Exam Preparation Bot  | Python, Discord API, Google Sheets API, Git, Heroku **July, 2022**

- Built a **Discord bot** for exam preparation that sends **monthly current affairs** magazines.
- Implemented **2 different APIs and 1 scheduling module** to automate data retrieval, synchronization, and interactive commands, reducing manual efforts by 80%.
- Automated recurring processes that led to a 30% increase in **data management efficiency**, resulting in enhanced user experience and productivity gains.
- [GitHub repo](#)

Portfolio Website  | HTML, CSS, JavaScript **April, 2022**

- Designed a visually appealing and user-friendly portfolio website, using **HTML and CSS**. Hosted on Vercel.
- imsoumya18.vercel.app

TECHNICAL SKILLS

Languages: Python, C, C++, SQL, Pine Script

Developer Tools: VS Code, PyCharm, Google Cloud, AWS

Technologies/Frameworks: Linux, GitHub, Pandas, NumPy, Matplotlib, Selenium, BeautifulSoup, Scrapy

ACADEMIC COURSEWORK

- | | | | |
|--------------------------------|-------------------------------------|---------------------------|------------------------|
| • Data Structures & Algorithms | • Computer Network | • Artificial Intelligence | • Data Science |
| • Operating Systems | • Database Management System (DBMS) | • OOPS Concept | • Discrete Mathematics |
| | | • Digital Logic | • General Mathematics |

ACHIEVEMENTS

- Solved **more than 150 problems** on LeetCode.
- **2019:** Attained a top score (**top 1.72%**) in UPSC NDA - I Written stage, advancing to SSB interview.
- **2018:** Selected in **top 200 scholars** of Jagadish Bose National Science Talent Search (JBNSTS) from across West Bengal
- **2017:** Achieved **State Rank 223** in NTSE Stage-I (State Level) in West Bengal

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification - Coursera
- Capstone: Retrieving, Processing, and Visualizing Data with Python - Coursera
- Using Python to Access Web Data - Coursera
- Python Data Structures - Coursera