



Dipangshu Paul

Roll No. 180122014

Btech – Chemical Science and Technology

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Github | linkedin | Website

Video Resume

Education

| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
|--------------------|-----------------|-----------------|----------------|
| B.Tech. | IIT Guwahati | 6.19 (Current) | 2018 - Present |
| Senior Secondary | CBSE Board | 69.0% | 2016 |
| Secondary | CBSE Board | 8.6 | 2014 |

Experience

- **Pojo Software pvt Ltd** *IIT-M Research Park*
Web based NEET courseware Development Intern *1st Dec - 30th Dec'18*
 - Developed interactive study materials and videos for NEET aspirants.
 - Interacted with diverse students to understand their needs.

Projects

- **Live Intraday NSE Stocks Analysis** *Aug-Sept'21*
A Self-Guided Project *Tableau Public Link*
 - Identified and extracted **NSE** data for top constituents stocks by weightage from various sectors.
 - Developed a single dashboard for **data visualization** and analysis the Nifty50 and top constituents **70+** Nifty stocks using **Tableau** for selecting a optimum stocks for intraday.
- **Molecular Docking and Dynamics Simulation. (Bachelor's Thesis Project)** *Sep'21 - Ongoing*
Prof. Dr. Subhendu Sekhar Bag, CChem,FRSC,FICS, Dept. of Chemistry, IIT Guwahati
 - An In-Silico study for predicting modified nucleosidic analogus of Favipiravir as potential inhibitors against the RdRp protein of **SARS-CoV-2** variant using **molecular docking** and **dynamics simulation**.
- **Portfolio Website Design** *Sep'21*
A Self-Guided Project *Portfolio Link*
 - Developed a Portfolio Design using **HTML, CSS and JavaScript** to showcase all skills and certification in a optimum and interactive way.

Technical Skills

- **Programming Languages:** C, Python,
- **Web Technologies:** HTML,CSS,JavaScript,Bootstrap,ReactJS*,MongoDB*,MySQL
- **Trading:** Technical Analysis(Equity)
- **Miscellaneous:** Tableau,MS Excel,PowerPoint,Video Creation,Windows,Git* * Elementary proficiency

Key Courses Taken

- Data Science (Henry Harvin Education)
- Entrepreneurship Development Program(MSME)
- Finance : Company Position (Coursera)
- Finance : Company Performance (Coursera)
- Speak English Professionally(Coursera)
- Ms Excel (Udemy)
- Web Development (Udemy)
- Python for Everybody(Coursera)
- Python Data Structure(Coursera)
- Digital Marketing(Google Digital Garage)
- Technical Report Presentation (CH302)
- Industrial Chemistry (CH211)
- Data Visualization using **Tableau**
- Painting: Year- Purna,First,Second,Third,Fourth,Fifth (Bangiya Sangeet Parishad)

Achievements and Extracurriculars

- **Awarded for best CVMP:**IIT Guwahati,Gifu University Japan and National University of Malaysia's(UKM) best collaboration video making program 2020-2021 award for the highest score in the final competition among 4 teams from Gifu University Organization,Japan for promotion of Glocalization.
- **Action Plan 2020:** Qualified to the top **10** teams among **60+** teams for final round of Action Plan 2020 organised by Social Service Club,IIT Guwahati,where we came up with an **ideation of Women development and Village carpenters**.
- **Global Entrepreneurship Bootcamp 2019:**Organized in **Bangkok, Thailand** under the guidance of mentors following 24 Steps of Disciplined Entrepreneurship ,MIT.

- **Public Relation and Branding executive,Techniche:** Contacted **1000+**; individually converted **200+** participants thereby achieving milestone of raising **INR 600000+** for Techniche18 as well as Techniche19, which is largest Techno-management fest of Northeast India,IIT-Guwahati.
- **City Representative, Technothlon'18(India's largest student-organized competition):**Delivered presentation in many school of the Silchar(Cachar,Assam),received participation of **50+** students and successfully organized and managed the prelims.
- **Manthan 2018-19:** Participated in Manthan for street play and achieved **3rd rank** and in overall competition we won **1st position**. Manthan IIT Guwahati's signature inter-hostel cultural competition .
- **The Red Brick Summit:** Participated in **Product Management(PM)** Live as a part of the Red Brick Summit 2019 organised by **IIM Ahmedabad**.
- **Samadhaan:** Participated in the **Case Study Competition** Quiz of Samadhaan organised by National Institute of Bank Management (**NIBM**), Pune.
- **Analytics Case Competition:** Participated in **Analytics Case Competition** of Vista 2021 IIM Bangalore's International Business Summit organised by **IIM Bangalore**.
- **UDGAM:** Participated in UDGAM-Annual Entrepreneurship summit 2018 of IIT Guwahati organised by EDC- IIT Guwahati.
- **Machine Learning and Artificial Intelligence Workshop:** Participated in Machine Learning and Artificial Intelligence Workshop organised by HT India Labs in association with Techniche 2017 IIT Guwahati.
- **Mushroom Production Technology,2017(Registration No.21/37):** Attended Mushroom Production Technology organised at Cotton College Biotechnology Department.
- **Annual Exhibition ,2014:** Awarded Merit certificate for **3rd position** in the event of Annual Exhibition held in the Saint Capitanio School , Silchar.Where represented about **Green computing**.