



CHEMICAL ENGG.(M.Tech Dual 5Y)
MINOR in COMPUTER SCIENCE & ENGG. (B.Tech 4Y)
MICRO SPL. in ARTIFICIAL INTELLIGENCE AND APPLICATIONS

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	M.TECH Dual Degree 5Y	IIT Kharagpur	8.86 / 10
2018	CBSE	Mary Gardiner's Convent School, Lucknow	90.4%
2016	ICSE	St. Mary's Convent Inter College, Lucknow	95.6%

INTERNSHIPS

Full Stack Developer | NoBroker | React + Node May'22 - July'22

- Worked on the project of "Dynamic Ads" to help adapt the Ads on the main website for **millions of users**.
- Designed and Developed **APIs** and **CRUD** Dashboard to create and edit ads for the admins of different teams.
- Researched and **Implemented algorithms** to personalize ads based on previous user activities on the website.

Full Stack Developer, MeetColab | Enthire | Vue + Node August'21 - October'21

- Worked on the onboarding and authentication of users on platform which serves to host interviews for jobs.
- Developed an **onboarding tour** (rated 4.2 stars) for new users using on-screen steps and sample interviews.
- Curated a system to send **automated interactive Google AMP mails** to guide new users to the platform.

Developer, Eddy | Eddy Learning | Flutter + Firebase April'21 - June'21

- Concocted an App which is designed to be a digital assistant for teachers and learning companion for students.
- Developed a flutter app which handled **authentication**, customized widgets like quizzes & real-time leaderboard.
- Initialized firebase features & functions which allowed the project to handle **2,00,000 users** at a time.

PROJECTS

MediaVibe | Self-Project | Rust + Svelte June'22 - August'22

- Built a Media-player written in **Tauri** (Svelte + Rust) that can play videos from both the file system and Youtube.
- Used the Rust file-system for increased **security** and the **scalable** Google Services Youtube API for fetching videos.
- Built the app as a WebApp as well as a **Cross-Platform Desktop Executable** using Components Approach.

HashPoster | Self-Project | Node + GCP Jan'22 - March'22

- Created a Twitter Bot written in Node that specializes in posting top posts from a tech blogging site: Hashnode.
- Hosted on Firebase, and used **OAuth 2.0** Twitter Developer Authentication API posting 1000 tweets and counting.
- Used **Naïve Bayes NLP Model** to detect the most technological posts and give them higher selection priority.

SKILLS AND EXPERTISE

Programming Languages: C/C++, Python, JavaScript, SQL, Java, Dart, Bash, Rust

Development: HTML/CSS, Vue, React, Flutter, AWS, Kubernetes, Django Rest Framework, Node, Unity, Godot, Firebase, SpringBoot, Hibernate, Jenkins, Google Cloud Platform, MySQL, MongoDB, Selenium, Nginx, Jest, Cypress

Machine Learning: Data Scraping, Machine Learning, Deep Learning, NLP, OpenCV, Object Detection

POSITIONS OF RESPONSIBILITY

Teaching Assistant July'22 - Present

- Serving student community by presenting and mentoring experiments of **2nd year** students in the Energy Lab.
- Cleared up doubts regarding the same and **graded** the students and gave **feedback** based on their performance.

AWARDS AND ACHIEVEMENTS

- Achieved an **AIR rank of 92** in Unified Cyber Olympiad (UCO) **2016**
- Achieved an **AIR rank of 85** in National Level Science Talent Search Examination (NSTSE) **2016**

COURSEWORK INFORMATION

Semester Courses: Programming and Data Structures*, Smartphone Computing and Application, Algorithms - I *, Deep Learning Foundations and Applications, Machine Learning and Artificial Intelligence Foundations and Applications, Natural Language Processing (* marked courses have a laboratory component as well)

MOOC: Ethical Hacking | Udemy, Game Development | Coursera, Frontend Development for React | Coursera

EXTRA CURRICULAR ACTIVITIES

- Participated in Open IIT Data analytics Challenge where 40+ teams participated in IIT Kharagpur 2019.
- Part of Inter Hall stage play Gold winning Dramatics team of Patel Hall of Residence for the year 2019.