

Pragyan Chauhan

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Education

Netaji Subhas University of Technology <i>Bachelors of Technology in Mechanical Engineering</i>	2023 – 2027
St. Columba's School, New Delhi <i>Senior Secondary - 95.2 percentage</i>	2021-2023
St. Columba's School, New Delhi <i>Matriculation - 93.6 percentage</i>	2011 – 2021

Skills

Programming Languages: Python, SQL, HTML, CSS, C++
Front-end Technologies: HTML, CSS3, Responsive Design
Database Management: MySQL, MySQL Server
Developer Tools: Xcode, Visual Studio Code, GitHub, MySQL Server
Soft Skills: Communication, Time Management, Leadership, Problem Solving, Comprehensive Teamwork

Projects

AMULx APP (DevComm)

- Involved in brainstorming, ideation, management, and functioning of the AMULx app. Aims to increase the efficiency of the AMUL store staff in NSUT by making data handling and catering easier. Customers can now order and pay through the app, eliminating the need to stand in long queues.

Xerocrypt Website

- An online cryptic hunt event website developed in a team of 4 students. The site features multiple rounds of questions, a leaderboard, and hints.
- Tools Used: Tailwind CSS, React JS, Firebase, Express.

Machine Learning Projects

- Built and deployed various Machine Learning models including Breast Cancer Detection (SVM), Spam Detection (Naive Bayes), Handwritten Digit Recognition (CNN), Housing Price Prediction (Linear/Tree-based Models), COVID-19 Detection (ANN), and Automatic License Plate Detection (YOLO/OpenCV)
- Tools Used: Python, Jupyter Notebook, Pytorch, Scikit-learn, TensorFlow

Position Of Responsibilities

General Secretary- DevComm 2023-present: DevComm is the largest tech society of NSUT with 350+ members. Its focused on fostering innovation, coding skills, and collaborative learning.
Coordinator of Technology- Resonanz 2024: Was part of a core team of 13 volunteers to create the official website, design merchandise, and mentored the hackathon.
Senior Executive Committee- The Quiz Club of NSUT 2023-present
Web Development and ML- Google Developer Student Club NSUT 2024-present
Coordinator of Event Management- Moksha 2025: Managing and hosting minifests in Moksha'25

Achievements

Gold Medalist- Distinguished as Gold medalist in class 10 for scoring the highest marks in the Maths CBSE board examination in school.
Gold Medalist- Distinguished as Gold medalist in class 12 for scoring the highest marks in the Computer Science, English and Chemistry CBSE board examination in school.
Secured **First place** in NSUTthon (all-around skills competition) organised by Crosslinks NSUT
Secured **First Place** back-to-back for 2 years in Cipher Coffers (Cryptic Hunt) organised by FES NSUT