Saksham Negi   8178833945

Netaji Subas University of Technology   B.Tech.

[Linkedin](#) | [Github](#) | [LeetCode](#)   Gender: Male

Codeforces – [1](#) [2](#) | [CodeChef](#) | [AtCoder](#)   DOB: 03-03-2003

Examination	University	Institute	Year	CPI / %
Graduation	NSUT	NSUT	2025	9.00
Intermediate	CBSE	Modern Public School, New-Delhi	2021	93.20%
Matriculation	CBSE	Modern Public School, New-Delhi	2019	96.40%

SCHOLASTIC ACHIEVEMENTS

- **Department Rank 3** in a batch of 162 Students.   *(2024)*
- Awarded **10 AP** (Advanced Performer) Grades for Data Structures and Algorithms, Mathematics   *(2024)*
  Computer Programming, Data Base Management System, Signal and Systems, Control Systems, Sensors and
  Transducers, Modern Control Theory, Process Dynamics Control, Smart Sensors given to **top 1%** of the batch.
- **Branch Topper** in II (SGPA: 9.17), IV (SGPA: 9.20), V (9.14) Semesters.   *(2024)*
- **CVSPK Scholar** (Top 5% Students) given to top performing students in the college Branch wise.   *(2022)*

KEY PROJECTS

PyDiscordBot: A Discord bot enabled by python   *Spring 2023*

- Implemented a **discord bot** to respond to basic commands and greetings using **Discord Developer Portal.**
- Added ability to play random number generation and die roll game. Currently active on 2 discord servers.

Personal Portfolio Website   *Summer 2022*

HTML | CSS | Javascript   *Google Development Student Club, NSUT*

- Developed a personalised portfolio for **development** round conducted by GDSC, NSUT.
- Implemented **white and dark themes** and font color switching for the website along with **moving headers** using Javascript, Hypertext Markup Langugage and Cascading Style Sheets.

Popular Game Implementations: Flappy bird, Doodle Jump   *Autumn 2023*

Javascript | HTML Canvas

- Implemented Popular games using Javascript and HTML canvas. Developed the games using custom popular characters and modified themes.

OTHER PROJECTS

Small Scale Automatic Irrigation System: Enabled via Arduino   *Autumn 2023*

Guide: Prof. Jyoti Yadav | Course Project: Sensors and Transducers   *NSUT*

- Used **Arduino** to implement a small scale plant water irrigation system incorporating **Soil Moisture Sensor.**

College Fest DBMS Project: Using MySQL & XamPP   *Summer 2023*

Guide: Prof. Anand Kumar | Course Project: Database Management Systems   *NSUT*

- Developed a Database Management for various activities conducted in the Cultural College Fest incorporating the basics of MySQL. The project was implemented on Xampp Apache Local Host.

Background Switcher: React JS and Tailwind CSS   *Winter 2024*

- Implemented a background switcher using React JS and TailWind CSS. Managed the dependencies and packages via npm and Vite Local Development Server.

JavaScript Based Projects: Vanilla Javascript *2023-Present*

- Developed **Javascript Projects**: Text to Speech Converter, ToDo List, Video, Weather App, Quiz App, General Q/A, Navbar, Reviews App, Model and Dynamic Counter.

Project Euler: Python *Winter 2024-Present*

Guide: Self and Math Stack Exchange *Project Euler*

- "Project Euler is a series of challenging mathematical/ computer programming problems that require more than just mathematical thoughts to solve".
- Currently solving Project Euler Archives using programming languages Python and C++.

TECHNICAL SKILLS

Programming Languages	Proficient in C++	Familiar with: Python, Java, Javascript, MATLAB
Development	HTML5, Javascript, CSS, MySQL	Familiar With: Bootstrap, Tailwind CSS, React JS.
Data Science	Numpy, Pandas	Familiar with MatPlot Lib

PROGRAMMING ACHIEVEMENTS

- Achieved a max-rating of *1488 (Specialist) on Codeforces* and ranked among top 22K Globally.
- Achieved a max-rating of *1783 (3 Star), a country rank of 4275*.
- Achieved a max-rating of *1711 Ranked Top 11.93% (10, 916) on Leetcode*.
- Secured a *Global Rank of 1247th (Qualification Round) and Global Rank of 4987th (Round-1)* in HackerCup 2023.
- Secured a Country rank of *522 in ICPC Amritapuri Preliminary Round.*
- Secured a *Global Rank of 532* in Codeforces Round 863, *Global Rank of 1977* in Codeforces Round 890, *Global Rank of 812* in Codeforces Round 867, *Global Rank of 135* in CodeChef Starters 97, *Global Rank of 273* in CodeChef Starters 72.
- Secured a *Global Rank of 1579* in AtCoder Beginner Contest 298, *Global Rank of 2992* in AtCoder Beginner Contest 313.
- Solved *1500+ Problems* on Various Programming Platforms.
- Secured *School Rank 2 in NAO*, Participated in *Pre-Regional Mathematical Olympiad (PRMO)* in 11th grade, Participated in *KVPY-SA, SB* during the year 2019 and 2021.
- Produced Educational Content, *Up-Solving Problems, Algorithms and Live Streams* on Youtube.
- Secured a Global rank of 1135 in Codeforces Round 922 *2024*

POSITIONS OF RESPONSIBILITY

Senior ExComm, *CodeChef Chapter, NSUT* *March 2023-Present*

- Mentored and Conducted Interviews for **10+** students for the *2022-2026 Batch* in out University.

Junior ExComm*, CodeChef Chapter, NSUT* *Feb 2022 – March 2023*

- Helped in creating the **post contest editorial** for problem solution conducted by codechef NSUT chapter *Codecherry-2022*

RELEVANT COURSES

- **Computer Science**:   Data Structures and Algorithms, Computer Programming, Object Oriented Programming, *Central Structures and Functions, Modules and Packages, DataBase Management Systems, *Industrial Internet of things.
- **Mathematics**: Linear Algebra, Calculus, Vector Calculus, Complex Variables, Laplace Transform and Calculus of Variations, Fourier Series, Partial Differential Equations.