Sk Md Tousif

Final year Undergraduate
Computer Science and Engineering
Kalyani Government Engineering College

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Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/%
2022 - Present	Bachelor of Technology in Computer Science and Engineering	Kalyani Government Engineering College,Kalyani	8.15/10
2022	CBSE(XII)	Arambagh Vivekananda Academy	94.6%
2020	CBSE(X)	Arambagh Vivekananda Academy	92.4%

Languages

- English (fluent)
- Bengali (fluent)
- Hindi (fluent)

Scholastic Achievements

- Qualified **GATE 2025** conducted by IIT Rourkee, with AIR 8003 and GATE score 481/1000.
- Qualified for **finale** in SIH 2024 conducted by AICTE and research scholars of **MoE's INNOVATION CELL**.
- Secured **State Rank 3027** in WBJEE 2022 among **80000+** candidates mainly from west bengal, conducted by WBJEEB.

Competitive Programming

- Achieved a peak rating of **1093** on Codeforces competitive programming platform (Handle: **sm_tousif21**)
- Achieved **global rank 4518** in Codeforces Round 988 (Div-3) competing among over 50,000+ international participants.
- Secured a global rank of **674** on **TCS CodeVita** Season 12.
- Participated in more than 20 programming contests and solved over 100 problems across codeforces, codechef.

Key Projects

Client Management portal. | Self Project | PACE freelancing   *(March'25 - April'25)*

- Developed a secure, PHP-based admin portal with MySQL for managing freelancers, clients, and billing workflows, featuring CRUD operations for user profiles, project tracking, and invoice generation.
- Automated bill/payment management by integrating dynamic invoice templates (HTML/PDF) with due-date tracking and payment status updates.
- Reduced manual data entry by 70% through bulk CSV imports/exports for client records and project logs.
- Enhanced UI usability with jQuery/AJAX for real-time form validation, live search, and table pagination without page reloads.

Technical Skills

Programming Languages	Libraries	Utilities and Software
C, C++, Python, MATLAB, Java, C#, JavaScript, React	Pandas, Matplotlib	HTML, CSS, MySQL, Wordpress

Relevant Courses

Programming for problem solving in C	Data Structures and Algorithms	Probability & Statistics
Discrete Mathematics	Theory of Computation	Operating Systems
Compiler Design	Object Oriented Programming in JAVA	Database Management System
Computer Networks	Advanced Algorithms	

Positions of Responsibility

Member | KeyGEnCoders | Kalyani Government Engineering College, Kalyani.   *(Aug'24–Present)*

- ▷ Mentored freshmen in Data Structures and Algorithms, Competitive Programming, and Development.
- ▷ Organized support sessions and seminars assisting freshmen with insights, and organized contests and events at the tech fest on behalf of the club.

Member / NSS / Kalyani Government Engineering College, Kalyani.   *(Jan'22–June'2024)*

- ▷ Organized events, surveys, and welfare works at nearby rural areas.

Extra-Curricular Activities

- Organized **Freshers Orientations** (2023), for KeyGEnCoders for freshers.
- Awarded the **Zonal Medal of Excellence** for achieving **zonal rank 21** in the SOF IMO for 2016.
- Organized **Yuva Samvad, 2024**, organized by NSS, KGEC .
- Volunteered at Kalyani Government Engineering College's flagship events and **Techtix's events** , contributing to event coordination.