AYUSH SAXENA | 19NA30006
Ocean Engineering and Naval Architecture (Dual Degree)
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Examination	Degree	Institute	Year	CPI / %
Graduation	Dual Degree	IIT Kharagpur	2024	7.95
XII (CBSE)	AISSCE	VKS Public School, MBD	2018	84.4%

KEY PROJECTS

BLOG APP	**Blogging App |** *Technology stack - Django, HTML, CSS, Bootstrap* • Developed a blogging website from scratch where users can post, upvote and comment blogs. • Designed and developed the database schema for users, blogs, comments and upvotes. • Added various features like uploading of pictures, commenting & personal user profile creation. • Provided users the option to update profile, handle comments, enabled upvoting blogs as well.
FREELANCER MARKETPLACE	**Freelancer Marketplace |** *Technology stack - Django, HTML, CSS, Bootstrap* • Developed a platform for the developers to showcase their profiles, mention skills & projects. • Implemented the full stack using Django and SQLite Database to perform CRUD operations. • Built the search engine from scratch to search developers across tags (skills, projects) & profiles. • Added the features of user authentication, message sending, profile updation & project addition. • Added the features of updating & sharing the source code links, demo links and profile links.
HOTEL MANAGEMENT SYSTEM	**Hotel management system |** *Technology stack – Python, Tkinter, SQl* • Created a simple hotel management system in Python with MySQL database, using Tkinter GUI. • Added features of User authentication, Room booking, Detail window and Customer's enquiry. • Created various channels such as Home, Payment, Record, Room information and other services

POSITIONS OF RESPONSIBILITY

EVENTS HEAD	**NAROES |** IIT Kharagpur *[May '21 –Present]* *Departmental society of Ocean engineering and Naval Architecture, IIT Kharagpur* • Led a team of **6** student members and **10** associate members as the Event head • Managed events such as Convocation, Induction program for freshers, Panel talks from Alumni. • Designed and regulated 9 events for 14th edition of departmental fest Samudramanthan.
SUB-HEAD	**NAROES |** IIT Kharagpur *[Jul '20 – Jul '21]* • Organized 13th edition of Samudramanthan, a national level fest with over 250 participants. • Worked on initiatives for welfare of the Ocean Engineering and Naval Architecture department. • Raised sponsorship from 4 companies and formulated problem statements, rules of 8 events.
EXECUTIVE MEMBER	**SARTH |** IIT Kharagpur *[Jul '19 – Present]* *Social organization run by students to educate underprivileged in nearby areas of campus.* • Conducted sessions of extra-curricular activities for children to discover their passion and skills • Conducted cloth collection drives every year for underprivileged people of Midnapore district. • Conducted tree plantation drives annually in IIT Kharagpur campus on World Environment Day.

SKILLS AND EXPERTISE

LANGUAGES	Python | C | C++ | JAVASCRIPT | HTML | CSS | Django | Django Rest Framework | FLASK | REACTJS
LIBRARIES	NumPy | Pandas | Matplotlib | SciPy | Tkinter
UTILITIES	AUTOCAD | MS Excel | MS PowerPoint | Solidworks
COURSEWORK	Programming and Data Structures | Economics | Safety Engineering and Management

EXTRACURRICULAR ACTIVITIES

MISC.	• Member of OpenSoft team of Meghnad Saha Hall of Residence for Inter Hall Competition. ['22] • Member of Basketball team of Meghnad Saha Hall of Residence for Inter Hall Competition. ['22]