



AKSHAT KHAITAN

Course : **B.E. (Hons.)**, Computer Science, 2024
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CGPA : 9.36



ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	Bhavans Gangabux Kanoria VidyaMandir, Kolkata	CBSE	96.67 %	2020
CLASS X		The Frank Anthony Public School, Kolkata	ICSE	96 %	2018

Subjects / Electives	Database Systems, Computer Programming, Object Oriented Programming, Data Mining, Data Structures And Algorithms
Technical Proficiency	C++ Language, Java, JavaScript, HTML, Front-End Web Development, CSS, React.js, MongoDB

SUMMER INTERNSHIP / WORK EXPERIENCE	
Summer Intern, IIRS, ISRO	May 2022 - Jul 2022
<ul style="list-style-type: none">Developed a parallel processing algorithm to compute the Spatial Variation of the Sediment Deposition optimally.Helpful for the timely analysis of soil conversation and the sustainability of the environment.Leveraged knowledge in working with raster data and various data models like Digital Elevation Model and Flow Accumulation Grid to develop the algorithm	

PROJECTS	
Co-Vax - Vaccine Management - Web Development	Mar 2022 - May 2022
<ul style="list-style-type: none">Coordinated with a team of four to develop a web application for the vaccination drive with multiple user interfaces for admin, centers, and citizens.User can book vaccine at a specific vaccination center and allows the center to update the user vaccination status once the dose is administered. Users can download the certificate once their vaccination is completed.Admin can add/remove vaccine centers and resolve disputes.Implemented using React JS, Express Framework, Node JS and SQL.Github(CoVax)	
ParkAway - OOPS - Web Development	Oct 2021 - Dec 2021
<ul style="list-style-type: none">Developed a Parking Management Website where a customer can avail of the parking service, with some additional add-on services.Developed backend API endpoints on SpringBoot using Object-Oriented Programming Concepts.Implemented using React JS, MongoDB, and Springboot.Github(ParkAway)	
Market Basket Analysis - Data Analytics	Apr 2022 - May 2022
<ul style="list-style-type: none">Coordinated with a team of four and successfully drafted and submitted a report.Leveraged knowledge in FP Trees, Association Rule Mining, and Frequent Itemset Generation for completing the draft.Report - Market Basket Analysis	
Dataviz - Web Development	Jun 2022 - Jun 2022
<ul style="list-style-type: none">Developed a web-based sorting visualizer to aid in understanding the concepts.User-specific array size and display speed can be decided, with an option to select from Bubble Sort, Merge Sort, and Quick Sort.Implemented using React JS.Github(Dataviz)	

POSITION OF RESPONSIBILITY	
Tech Head - TEDx BITS Pilani Hyderabad Campus	Jun 2022 - Present
<ul style="list-style-type: none">Orchestrated and led the tech team of TEDx BITS Hyderabad.Developed the website used in the annual event, with a smooth and robust Ticketing System.Provided a hassle-free online user experience to increase the footfall at the event.	

AWARDS AND RECOGNITIONS	
Winner Of Inter-House Debate Competition The Frank Anthony Public School, Kolkata	Jul 2017
<ul style="list-style-type: none">The best speaker among 10 teams with 2 participants each.	

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Data Structures And Algorithms - Abdul Bari	Udemy	<ul style="list-style-type: none">The course delves into all the data structures and algorithms. Helped in improving problem solving skills.

TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE
West Bengal Joint Entrance Examination (WBJEE)	Feb 2, 2020	Rank: 143

LANGUAGES KNOWN	
Hindi, Bengali, English	