

**AYUSH KHANDELWAL**

Course : **B.E. (Hons.)**, Computer Science, 2024
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CGPA : 8.66



ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	St. Anthony Public School, Lucknow	CBSE	94.6 %	2020
CLASS X		St. Paul's College, Lucknow	ICSE	94.8 %	2018
Subjects / Electives		Computer Programming, Linear Algebra, Database Management Systems, Discrete Structures for Computer Science, Data Structures and Algorithms, Object Oriented Programming, Probability and Statistics			
Technical Proficiency		C++, Python, Front-end Development, Kotlin, Java, SQLite			
SUMMER INTERNSHIP / WORK EXPERIENCE					
Summer Intern, CONVERGENT TECHNOLOGIES			May 2022 - Jul 2022		
Worked on developing a native android application 'FaceOff', a news application with more focus on the visual side of content. Worked in a team of 2 people and used Kotlin as the primary language for development.					
PROJECTS					
Expectation and Strategies for the HDFC Stock - Derivatives and Risk Management			Mar 2022 - Apr 2022		
• Performed fundamental and technical analysis on the stock and generated trading strategies for near, next and far month options based on different investor expectations.					
• Determined a strategy's effectiveness by calculating payoff matrix and breakeven price.					
Question Paper Generator - Data Structures and Algorithms			Feb 2022 - Apr 2022		
• Built a Question Paper Generator System using Linked List data structure for professors to generate multiple sets of question papers with the objective to reduce cheating in online semester.					
WorkSpace Booking System - Database Management System			Feb 2022 - May 2022		
• Built a WorkSpace Booking System for organizations to book physical workspaces with both admin and user dashboards.					
• Built with rigorous focus on Database Management and Security. Used JSP, JavaScript, MySQL and MVC(Model View Controller) architecture to design it.					
Vehicle Parking Management System - Object Oriented Programming			Oct 2021 - Dec 2021		
• Built a Full-Stack Vehicle Parking Management Web App with both Admin and User Interfaces which includes features like online payment gateway, digital invoicing via email, etc.					
• User verification using Google's API. Also implemented the OTP verification. Tech stack used: CSS, JavaScript, Servlet, MySQL for building it.					
EXTRA CURRICULAR ACTIVITIES					
Quizmaster					
• Hosted and managed various Quizzes held on campus.					
• Helped in the successful organization of the cultural and technical fests of BITS Pilani- Pearl and Atmos.					
CERTIFICATIONS					
CERTIFICATION	CERTIFYING AUTHORITY		DESCRIPTION		
API based Programming	Postman		Built a basic song recommender system using Spotify API.		
TEST SCORES					
TEST NAME	DATE OF EXAM		SCORE		
JEE Mains	Jan 7, 2020		99.15 Percentile		
BITSAT	Sep 23, 2020		Score:339/450		
VOLUNTEER EXPERIENCE					
NSS - Role: Volunteer Cause: Social Services			Jul 2022 - Present		
Active member of the NSS mentorship program. Visited local schools to spread awareness about health and education among the youth.					
Robinhood Army - Role: Volunteer Cause: Social Services			Jan 2018 - Mar 2018		
Bridging the gap between street and school through teaching and spreading awareness about the importance of education among under-privileged children.					
LANGUAGES KNOWN					
Hindi, English					