



RISHABH SAHNI

Course : **B.E. (Hons.)**, Computer Science, 2025
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 CGPA : 8.41



ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Modern Vidya Niketan Sector 17	CBSE	97 %	2021
CLASS X	Modern Vidya Niketan Sector 17	CBSE	97.6 %	2019

Subjects / Electives	Probability and Statistics, Database Management System, Object Oriented Programming, Derivatives and Risk Management
Technical Proficiency	MySQL, Python, C++ Language, NumPy, Pandas, Power BI, Machine Learning, Alteryx, JIRA, R Programming

SUMMER INTERNSHIP / WORK EXPERIENCE

Data Analyst, Macquarie Global Services Pvt Ltd	May 2023 - Present
<ul style="list-style-type: none"> I was part of the Financial Platform Solutions-Enabling Technologies Team under Finance Management Group of Macquarie. Building new Kanban boards in Jira and Power BI dashboards for effective tracking and management of issues handled by the FPS-ET team. 	
Quant Researcher, Birla Institute of Technology and Sciences	Dec 2022 - Jun 2023
<ul style="list-style-type: none"> Conducted exploratory analysis of stock data from 5 asset classes under Dr. Kamlesh Tiwari of BITS Pilani, identifying correlations and trends. Integrated machine learning models, ARIMA and SVM, into the existing framework while considering financial market and economic principles. 	
Data Analyst, The Sparks Foundation	Feb 2023 - Jun 2023
<ul style="list-style-type: none"> Performed an Exploratory Analysis of sales data of the supermarket to identify business problems and opportunities for increased profitability. By evaluating product performance, customer segmentation, pricing and discounts and market trends suggested areas for improvement. 	
Machine Learning Intern, Suvidha Mahila Mandal	Jan 2023 - Mar 2023
<ul style="list-style-type: none"> Implemented diverse disambiguation models based on research paper, showcasing proficiency in word sense disambiguation and techniques. Conducted model evaluation using datasets, measuring accuracy and performance to inform strategic decision-making in text disambiguation. 	

PROJECTS

Quant Analysis Research - QUANT	Jan 2023 - Jun 2023
<ul style="list-style-type: none"> Analyzed historical data of 5 asset classes to identify correlations, trends, and potential hedging opportunities for diversification in the US market. Implemented the ARIMA model for stock price prediction and SVM for classifying stock price data. Analysis-GitHub and Model Implementation-GitHub 	
Exploratory Data Analysis- Retail - Data Analysis	Jan 2023 - Apr 2023
<ul style="list-style-type: none"> Analyzed the sales, quantity, profits, and discounts data of a sample superstore using the previous year data. Identified business problems and opportunities to maximize profitability as a business manager. Link for the Project-GitHub 	
Hostel Allocation System - Database Management System	Apr 2023 - Jun 2023
<ul style="list-style-type: none"> Developing a web-based hostel allocation system using SQL, Node.js, and Tkinter to facilitate room assignments and management for students at BITS. It enabled administration to seamlessly allot hostel rooms to 1000+ students of BITS in different rooms in different hostels. Link for the Project-GitHub 	

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
JEE Main	Feb 18, 2021	Rank: 1618
JEE Advance	Oct 3, 2021	Rank: 3193

SCHOLARSHIPS

Alumni Funded Scholarship	Jan 2023
<ul style="list-style-type: none"> Received BITS Pilani Alumni '70 Scholarship, which cover 25% of the college tuition fees ,for outstanding academic performance. 	

HSCTSc Scholarship

<ul style="list-style-type: none"> Received Haryana State Government Scholarship for exceptional performance in National Talent Search Exam 2019 in Class 10th. 	Mar 2019
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EXTRA CURRICULAR ACTIVITIES

BITSpace Founder	
<ul style="list-style-type: none"> BITSpace is all-in-one web application for academics, clubs, departments, associations, alumni, career-guide videos, and campus news at BITS Pilani. Empowering seamless communication and connectivity within the university community through features available on our platform of BITSpace. 	

POSITION OF RESPONSIBILITY

President - Haryana Cultural Association	Apr 2023 - Present
<ul style="list-style-type: none"> Successfully led a 50+ member core team in organizing events and activities , advocated for the needs of over 400 Haryanvi students in BITS. Designed culturally relevant merchandise for the Haryanvi Cultural Association (HCA) for the core team members. 	

