



**RICHA TIWARI**, RA2011003030110

Course : **B.Tech**, CSE, 2024

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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	Vivekananda Kendra Vidyalaya, (NEEPCO) Umrangso, Dist.- Dimahasao, Assam	CBSE	91.5 %	2018
CLASS XII	Vivekananda Kendra Vidyalaya, (NEEPCO) Umrangso, Dist.- Dimahasao, Assam	CBSE	79 %	2020
B.Tech	SRM Institute of Science and Technology - Modi Nagar Campus		9.53 CGPA	2024

<b>Subjects / Electives</b>	Object Oriented Design & Programming, Programming for Problem Solving, Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering & Project Management, Artificial Intelligence, Compiler Design, Data Mining and Analytics
<b>Technical Proficiency</b>	C Programming, C++, Python, Data Structures, Problem Solving, DBMS, SQL Database, Data Analytics, Project Management, HTML

SUMMER INTERNSHIP / WORK EXPERIENCE	
<b>Data Analyst, MorepanLaboratories</b>	<b>May 2023 - Jun 2023</b>
<p>During my <b>2 months</b> online internship as a <b>Data Analyst</b> specializing in <b>Power BI and SQL</b>, I successfully Completed my assignments and got the hands-on experience in extracting, transforming, and visualizing data to derive actionable insights.</p> <p>I had the opportunity to gain practical experience in data analysis and visualization remotely. This internship provided me with a valuable learning environment to apply my skills in <b>extracting, analyzing, and visualizing data</b> using Power BI and SQL.</p> <p>I collaborated with virtual teams to understand their data requirements and contribute to data analysis projects remotely. I also assisted in <b>data cleansing and transformation processes</b> to optimize data quality for analysis purposes, developed interactive and visually compelling <b>reports and dashboards</b> using Power BI, presenting key insights to end users.</p> <p>I actively participated in team discussions and virtual meetings which helped me in understanding the project outcomes, I also assisted in data visualization enhancements, including <b>implementing drill-down functionality</b> and optimizing report performance.</p> <p>During my tenure of 2 months of internship I achieved effective problem-solving skills, with the ability to extract meaningful insights from large datasets including strong attention to detail, ensuring data accuracy and quality throughout the analysis process. It also enhanced my communication and collaboration abilities, ensuring effective teamwork in a virtual setting.</p>	
<b>Salesforce Developer, SmartInternz</b>	<b>May 2023 - Jul 2023</b>
<p>Over the 8 - week virtual internship, I gained valuable hands-on experience by successfully completing various Salesforce Trailhead modules.</p> <ul style="list-style-type: none"><li>◦ Salesforce Fundamentals</li><li>◦ Apex, Testing &amp; Debugging</li><li>◦ VS Code Setup &amp; CLI Setup</li><li>◦ Lightning Web Components (LWC) &amp; API</li><li>◦ Visualforce Pages</li></ul> <p><a href="#">Salesforce Developer Virtual Internship - Certification</a></p>	
<b>Intern, AICTE - EduSkills</b>	<b>May 2023 - Jul 2023</b>
<ul style="list-style-type: none"><li>◦ The AICTE - sponsored data analytics virtual internship offered me an insightful opportunity to delve into practical data analysis techniques and tools using AWS cloud.</li></ul> <p><a href="#">Data Analytics Virtual Internship - Certification</a></p>	

PROJECTS	
<b>Healthcare Dashboard - Data Analyst</b>	<b>Jun 2023 - Jul 2023</b>
<p>The Healthcare report is based on the concept to create a comprehensive data visualization solution using Power BI.</p> <p>The primary objective of this project was to develop an interactive and insightful data visualization tool to help a Hospital Management Team to track and analyze the patients visit, instruments availability and revenue generated by the patients of different age groups. Apart from this, management team can also see how long a patient has to wait for the appointment with the doctor and what is his or her feedback on doctor's prescription and other hospital services available.</p> <p>I took data source as MS excel and did all the data transformations like merge, remove, trim and change in column data type etc. in power query editor to ensure the consistency and accuracy and loaded the dimension and fact tables in Power BI.</p> <p>Also designed a data model to establish the relationships between the fact and dimension tables such as bed detail, staff detail , department and detail dataset table.</p> <p>Based on my data analysis I tried to figure out the requirements and developed the key performance indicators (KPI) using card visuals. I also developed a variety of interactive visuals using bar charts, line charts, maps and tables. I also used some custom visuals like rotating card, scroller etc.</p> <p>I also Implemented drill down and drill through capabilities to allow management team to see the detailed view of patients. The dashboard also includes filters and slicers to help the end users in slicing and dicing. The button navigators used, help the users to navigate through out the report.</p>	

The project can help the management team with a centralized information to monitor the on going hospital activities and take data driven decisions. <a href="#">Healthcare Dashboard- GitHub link</a>		
<b>Banking System - Software Development</b>		<b>Jul 2022 - Jul 2022</b>
Banking System is based on a concept of recording customers account details. Here the user can perform all the tasks like creating an account, deposit amount, withdraw amount, check balance, view all account holders detail and close an account. All the main features for banking system are set in this project. Talking about the features of the Banking System, a user can create an account by providing the name of the account holder and providing an initial amount. Then the user can also deposit and withdraw money just by providing his/her account number, then the system displays his/her profile and entering an amount. For certain purpose, he/she can also check for the balance inquiry which displays the account holders name with account number and amount. He/she can also check for all the account holders list. Another feature is that the user can also close their account by providing their account number. Banking System is developed using C++ Programming Language and different variables, strings have been used for the development of it. <a href="#">Banking System- GitHub link</a>		

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Data Base Management System	NPTEL	<a href="#">Data Base Management System- Certification</a>
MACHINE LEARNING, ML	NPTEL	<a href="#">MACHINE LEARNING, ML- Certification</a>
AWS Academy Cloud Foundations	Amazon Web Services Training and Certification	<a href="#">AWS Academy Cloud Foundations- Certification</a>
AWS Academy Data Analytics	Amazon Web Services Training and Certification	<a href="#">AWS Academy Data Analytics- Certification</a>
Learn C++ Programming -Beginner to Advance- Deep Dive in C++	Udemy	<a href="#">Learn C++ Programming -Beginner to Advance- Deep Dive in C++- Certification</a>
Learn JAVA Programming - Beginner to Master	Udemy	<a href="#">Learn JAVA Programming - Beginner to Master- Certification</a>

POSITION OF RESPONSIBILITY	
Core Team Member - Connect With Director (CWD), SRM IST, Delhi-NCR campus	<b>Aug 2022 - Present</b>
Social Media Lead - SRM NCR CODING BLOCKS CHAPTER	<b>Jan 2022 - Present</b>

VOLUNTEER EXPERIENCE	
CWD SRM NCR - Role: Donation Camp   Cause: Poverty Alleviation	<b>Sep 2022 - Present</b>

EXTRA CURRICULAR ACTIVITIES
<b>Database Management Team</b> I was in the Database Management Team of our college for the National Level Cultural Fest - Rubaroo. <b>Event Coordinating</b> Coordinated the Ganesh Chaturthi celebrations organized at SRM IST.

PERSONAL DETAILS	
Date of birth: 05 September 2002	Father's name: Rajkumar Tiwari
Permanent address: Vill & post- Bharwa Sumerpur muhalla- Unchha near Neha nursing home, Hamirpur, Hamirpur, Uttar Pradesh, PIN - 210502	Languages known: English, German, Hindi
Permanent contact number: 8638115170	Nationality: Indian
Passport availability: No	