

Tanu Rana

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EDUCATION

Syracuse University, School of Information Studies, Syracuse, NY

May 2025

Master of Science | Information Systems

Relevant Coursework: Database Management | Introduction to Data Science | Cloud Management | Business Analytics

Kurukshetra University, Jai Parkash Mukand Lal Innovative Engineering and Technology Institute, Haryana, India

May 2020

Bachelor of Technology | Computer Science and Engineering

Relevant Coursework: Data Structures | Object Oriented Programming | Software Engineering | Computer Networks

TECHNICAL SKILLS

Programming Languages & Libraries: Node Js, JavaScript, React, Typescript, R, HTML, CSS, GraphQL, Bootstrap

Database Management: MySQL, Prisma ORM, MS Access

Software: MS Excel (Pivot tables, VLookup, Solver, Regression, Power Query, 3D Maps), Vtex, AWS, Azure, PowerBI, Tableau, Snowflake

Tools: Jira, Confluence, Bitbucket, Git

WORK EXPERIENCE

Data Analyst Intern, iConsult Collaborative, Syracuse University

March 2024 – Present

- Engaged in collaborative data modeling efforts, working directly with clients to understand their specific needs and objectives; effectively translated these requirements into robust data-driven models and strategies, ensuring precise alignment with project goals and client expectations.
- Spearheaded comprehensive data cleaning and preprocessing initiatives, employing advanced techniques to rectify missing values, outliers, and inconsistencies, thereby enhancing the integrity and quality of data for predictive modeling and analytical assessments.

Software Developer, Publicis Sapient, Gurugram, Haryana, India

April 2021– June 2023

- Collaborated with a team of 7 to create payment connector integrated with vtex ecommerce platform for a client in the UK.
- Integrated payment methods and transaction flow with the payment tool for payment methods such as applepay, googlepay, hosted and tokenized payments.
- Designed and developed features of the tool as per benchmarks set up by the client under agile methodology.
- Improved the security of the application handling the vulnerabilities.

Sales and Marketing Intern, Flynote, Bengaluru, India

June 2019 – May 2020

- Managed social media and advertising with the marketing team. Coordinated with the product design team for fabricating the in-house CRM for the company.
- Monitored 10,000 leads and administered the overall flow of the customer experience.

PROJECTS

Software Development – Vtex Payment Connector

- Collaborated with key stakeholders to gather functional, non-functional requirements to build the payment connector.
- Designed and developed the user-friendly workflows for all identified use cases using the user experience design principles.
- Implemented the database model, data flows and the working prototype for the application and presented it to the client.
- Implemented payment transaction flow with payment methods such as apple pay, google pay, hosted payment and tokenized payments and integrated the payment connector with vtex ecommerce platform.

Database Management – Medicare

- Developed a secure web application allowing patients to schedule appointments with doctors, featuring functionality for appointment requests, approval workflows, and patient access to medical history, upcoming appointments, prescriptions, and doctor remarks.
- Implemented robust database management strategies to ensure efficient storage and retrieval of patient and appointment data, enhancing the overall user experience and facilitating seamless communication between patients and doctors.

LEADERSHIP EXPERIENCE

Student Body Head, Computer Society of India, JMIETI

August 2019 – May 2020

- Successfully orchestrated a state-level convention at the college, attracting participation from over 100 colleges.
- Organized 9 technical events and 17 guest lectures throughout my tenure.