# Prateek Sachan

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## EDUCATION

- **Vellore Institute Of Technology**                                                       Tamil Nadu, India
  *M.Tech Integrated Computer Science*                                                *Sept 2020 - Ongoing*
  - ○ **Courses:** Data Structures and Algorithms, Artificial Intelligence, Software Engineering Principles, Object Oriented Programming, Database Management System, Machine Learning.

## SKILLS SUMMARY

- **Languages:** Python, HTML, CSS, JavaScript, SQL, Java
- **Frameworks:** Scikit, NLTK, TensorFlow, Keras, Flask, NodeJS, ReactJS
- **Tools:** Tableau, Excel, Git, Figma, MySQL
- **Platforms:** Web, Windows, IBM Cognos, IBM Cloud
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

## EXPERIENCE

- **SMART BRIDGE Externship**
  *Data Analytics*                                                                         *May 2023 - Jun 2023*
  - ○ **Road Accident Analysis:** Developed a dashboard to track road accidents in the UK. It is interactive and dynamic, allowing users to filter the data by current year, previous year, and accident severity.
  - ○ **Super Store Dashboard:** Created an interactive superstore dashboard, enabling seamless data analysis of sales, inventory, and customer trends. Empowering informed decision-making, it offers intuitive filters for time periods and product categories, optimizing store performance.

- **TATA: Forage Virtual Internship**
  *Data Visualization: Empowering Business with Effective Insights*                                  *July 2023*
  - ○ Framing the Business Scenario
  - ○ Choosing the Right Visuals
  - ○ Creating Effective Visuals
  - ○ Communicating Insights and Analysis

## PROJECTS

- **ZAYKAA - Food Ordering Website:**                                                                Oct 2022
  - ○ Developed a food-ordering website using HTML, CSS, and JavaScript.
  - ○ Implemented browsing, product selection, and order placement functionalities.
  - ○ Designed an attractive and user-friendly interface using HTML and CSS.
  - ○ Utilized JavaScript for dynamic elements and smooth interactions.
  - ○ Conducted thorough testing and debugging for a flawless user experience.

- **ZAYKAA ANGULAR Website:**                                                                        Nov 2022
  - ○ Developed a food ordering website called ZAYKAA using AngularJS, TypeScript, HTML, and CSS.
  - ○ Implemented clear, appealing product listings and an intuitive cart for hassle-free ordering.
  - ○ Utilized AngularJS, TypeScript, HTML, and CSS for streamlined code maintainability, structured websites, and stunning design.
  - ○ Created a responsive design to ensure accessibility and user-friendliness across various devices and screen sizes.

- **ROAD ACCIDENT ANALYSIS:**                                                                       June 2023

- Utilized a road accident dataset from Kaggle, containing information on date, time, location, severity, and casualties.
- Ensured dataset accuracy by performing data cleaning to remove errors, inconsistencies, and duplicates.
- Analyzed the data using Tableau to identify trends and patterns to enhance road safety.
- Developed an interactive dashboard displaying key insights, such as total accidents, casualties by location, vehicle type, and weather conditions.
- Created a web application using Flask and Bootstrap, allowing easy access and a user-friendly interface for road safety officials, policymakers, and the public.

## VOLUNTEER EXPERIENCE

- **Scavengers Quest Event Organizer**
  *Zero Waste Management Club* — Vellore, India
  As an event organizer, I had the exhilarating opportunity to orchestrate an unforgettable experience. From managing diverse teams to igniting a contagious team spirit, I ensured seamless coordination and a remarkable adventure. Guiding and supporting participants, I curated an immersive journey that left everyone captivated.

- **Coordinator of Publicity and Marketing International**
  *Riviera 2023* — Vellore, India
  As the event coordinator, I brought together students from diverse international universities, organizing an enchanting cultural showcase that celebrated global unity. Prioritizing participants' safety, I curated an enjoyable experience, leaving a lasting positive impact on all involved.

## CERTIFICATIONS

- **Introduction to Front-End Development**
- **Getting Started with AWS Machine Learning**
- **Programming for Everybody (Getting Started with Python)**
- **Microsoft 365 Certified: Fundamentals**