

Pratyush Kumar

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EDUCATION

Galgotias University

Bachelor Of Technology in Computer Science

Greater Noida, Uttar Pradesh

August 2021 – August 2025

- Cumulative GPA : **7.50**
- Relevant Coursework: Data Structures and Algorithms, Database Management System, Operating System, Computer Networks, Linear Algebra, Discrete Mathematics, Web Technology.

SKILLS

- **Programming Languages:** C++, HTML, CSS, JavaScript
- **Databases:** MongoDB, SQL
- **Technical Competencies:** Data Structures and Algorithms, Object-Oriented Programming
- **Personal Competencies:** Leadership, Communication, Teamwork, Time Management
- **Developer Tools:** Google Colab, Visual Studio Code

PROJECTS

Sorting Visualizer

- Developed a **real-time visualization** tool for multiple sorting algorithms.
- Utilized React, TypeScript, and Tailwind CSS for efficient development, deploying seamlessly on Vercel, reducing load times by **25%**.
- Simplifies complex sorting concepts through visualizations, demonstrating strong front-end development skills and boosting understanding among users by **25%**.

MERN Insight Hub

- Developed a **full-stack dashboard** using the MERN stack to streamline data management and boost productivity by **15-20%**.
- Used technologies like MongoDB, Express, React, and Node.js for a smooth CRUD experience, enabling efficient and real-time data handling.
- This dashboard provides real-time insights, helping improve company operations and decision-making processes with an efficiency gain of **25-30%**.

Car Price Predictor

- Developed a second-hand car price prediction model using Reinforcement Learning.
- Achieved a precision rate of **78 percent** with the model.
- Implemented the project in Python, utilizing libraries such as Pandas, NumPy, and TensorFlow.

CERTIFICATES

IIT Bombay

Hands-On Lab Course On Software System

NPTEL

Entrepreneurship

techforallwithpriya

SQL Mastery: From Basics to Advanced