

Akash Raj

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SKILLS

- **Languages:** Python, R, C++, SQL
- **Tools & Libraries:** NumPy, Pandas, Matplotlib, SciPy, scikit-learn, MySQL
- **Soft Skills:** Problem-Solving, Teamwork, Project Management, Leadership

PROJECTS

- **Car Sales Data Analysis & Visualization** Developed: December 2024 – January 2025
 - **Objective:** Analyzed large car sales datasets to uncover trends in pricing, sales performance, and regional demand.
 - **Description:** Cleaned and analyzed large datasets, handled missing values and inconsistencies, and created visualizations to highlight top-selling models and seasonal patterns using Python.
 - **Outcome:** Delivered actionable insights, strengthening skills in data wrangling, analysis, and visualization.
 - **Key Skills:** Python, Pandas, NumPy, Matplotlib, Seaborn.
- **Coffe Chain Dashboard:** June 2024 - July 2024
 - **Objective:** Designned an interactive dashboard to visualize sales and profit trends across states using the Coffee Chain dataset.
 - **Description:** Built a dynamic Tableau dashboard with interactive charts, filters, and drill-down features to highlight regional performance and identify high-profit areas.
 - **Outcome:** Delivered clear, actionable business insights that enhanced data-driven decision-making.
 - **Key Skills:** Tableau, Data Preprocessing, Data Visualization.
- **ClubFit Manger:** December 2023 - January 2024
 - **Objective:** Built a Fitness Club Management system to handle user registrations and memberships using C programming.
 - **Description:** Developed a menu-driven application using pointers and file handling to register, update, search, and delete records, with dynamic memory allocation and structured data storage.
 - **Outcome:** Delivered a reliable, efficient management system while strengthening skills in C programming, data structures, and file operations.
 - **Key Skills:** C Programming, File Handling.

CERTIFICATES

- Certificate of Cloud Computing by Nptel Swayam. November 2024
- Certificate of Generative AI and prompt engineering by Coursera. August 2024
- Data Science & Machine Learning is integrated by Cipher School. July 2024
- Certificate of Programming in DSA by Udemy . December 2023

ACHIEVEMENTS

- Selected among top 10% participants in the Google Developer Solution Challenge Program 2025. February 2025
- Solved 100+ Problems on LeetCode focusing on data structure and algorithms.

EXTRACURRICULARS

- Trained AI models in subjects like math, programming and English on outlier.ai platform. November 2024
- Organized education, healthcare and sanitation programs with an NGO. July 2023

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering: **CGPA: 6.7** September 2022 - Present
- **St. Joseph Public School (CBSE)** Samastipur, Bihar
Intermediate: (PCM): **Percentage: 76%** April 2019 - March 2021
- **St. Joseph Public School (CBSE)** Samastipur, Bihar
Matriculation: **Percentage: 67%** April 2018 - March 2019