

Akash Raj

LinkedIn: [linkedin.com/akash-raj](https://www.linkedin.com/akash-raj)
GitHub: github.com/Akash-raj-INT

Email: akashraj848114@gmail.com
Mobile: +91 8271250053

SKILLS

- **Languages:** Python, R, C++, SQL
- **Tools & Libraries:** NumPy, Pandas, Matplotlib, SciPy, scikit-learn, Git, VS Code
- **Frontend & Backend:** HTML, CSS, Js, Django, Flask
- **Soft Skills:** Problem-Solving, Teamwork, Project Management, Adaptability

PROJECTS

- **Library Management System:** June 2025 – July 2024
 - **Objective:** Built a comprehensive Library Management System to automate book cataloging, member management, and loan tracking using Python and Django.
 - **Description:** Developed a web-based platform with user authentication, real-time book availability tracking, automated fine calculation, and modern responsive UI using Tailwind CSS.
 - **Outcome:** Streamlined library operations, improved member experience with self-service features, and gained hands-on experience with Django ORM and web development.
 - **Key Skills:** Python, Django, Django ORM, User Authentication, Tailwind CSS, SQLite Database, CRUD Operations.
- **Car Sales Data Analysis & Visualization:** 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:** December 2023 - January 2024
 - **Objective:** Designed 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.

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

- Solved More than 50 problems solved on Geeksforgeeks, Codechef and Codeforces
- 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: 6.9** 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