

Akashdeep Singh

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SKILLS SUMMARY

- **Languages:** C++ (Intermediate), R, Python
- **Frameworks:** React, NumPy
- **Tools/Platforms:** VsCode, Git, Github
- **CS Fundamentals:** OOPS, DBMS, OS, Computer Networks, DSA
- **Soft Skills:** Extrovert, Analytical Skills, Collaborative, Project Management, Adaptability

TRAINING

- **MERN Stack Development – Cipher Schools** Jun '24
 - Summer Training
 - Learned to build websites using MongoDB, Express.js, React.js, and Node.js (MERN Stack).
 - Created web pages using React.js and styled them with CSS.
 - Built a backend using Node.js and Express.js to handle data and user requests.
 - Connected frontend and backend to make a full-stack web application.
 - Practiced debugging and improving code for better performance

PROJECTS

- **Electric Vehicle Analysis Dashboard | Tech:** Tableau, Data Visualization Dec '24
 - Created an Electric Vehicle (EV) analysis dashboard using Tableau.
 - Analyzed EV market trends and sales growth.
 - Used line graphs to show global EV sales over time.
 - Improved data analysis and visualization skills.
 - Gained insights into the future of the EV industry.
- **Placement Prediction Dashboard | Tech:** R, Flex Dashboard, dplyr Nov '24
 - Designed an R-based dashboard to predict student placement status using Naive Bayes and Decision Tree models.
 - Preprocessed data by handling categorical variables and removing irrelevant column.
 - Split the dataset into training and testing sets to evaluate model performance.
 - Visualized the decision tree structure and displayed model evaluation metrics (confusion matrix, accuracy).
 - Added a personalized prediction feature for hypothetical student profiles.

ACHIEVEMENTS

- **Participated in a Community Development Program (CDP) and gained teaching experience.** Jun '23
- **Completed the 160 Days of Code Challenge on GeeksforGeeks (GFG).** Present
- **Solved 200+ problems across various coding platforms, including GeeksforGeeks and LeetCode.** Jun '23

CERTIFICATES

- MERN Stack Development from Cipher Schools Jul '24
- Dynamic Programming, Greedy Algorithms – Coursera Jan '24
- Bits and Bytes of Computer Networking Nov '24

EDUCATION

- **Lovely Professional University** Punjab, India
 - Bachelor of Technology – Information Technology; **CGPA: 6.69** Since August 2022
 - Coursework: Object Oriented Programming, Data Structures, DevOps, Databases
- **Doon Public School** Uttar Pradesh, India
 - Intermediate; **Percentage: 84%** April 2020 - March 2022
 - Coursework: Physics, Chemistry, Mathematics
- **Doon Public School** Uttar Pradesh, India
 - Matriculation; **Percentage: 88%** April 2019 - March 2020