Akashdeep Singh

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SKILLS SUMMARY

- **Languages**:   C++, R, Java, Python
- **Frameworks**:   React , NodeJs, MongoDB
- **Tools/Platforms**:   VsCode, Git, Github
- **CS Fundamentals**:   OOPS, DBMS, OS, Computer Networks, DSA
- **Soft Skills**:   Multitasking, Teamwork, Project Management, Adaptability, Creative Thinking

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TRAINING

- **MERN Stack Development – Cipher Schools**   June – July 2024
  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   December 2024
  - 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   November 2024
  - 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.

CERTIFICATES

- MERN Stack Development from – By Cipher Schools   July 2024

- Data Visualization with Tableau – By Coursera   January 2024

- Bits and Bytes of Computer Networking – By Coursera   November 2024

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