# Akashdeep Singh

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# 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
  + Learned to deploy full-stack applications online.
  + Worked on projects to apply MERN Stack skills in real-world scenarios.

# 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.

# Certificates

* Mern Stack Development – Cipher Schools Jul 2024
* Data Visualization with Tableau – Coursera Jan 2024
* Bits and Bytes of Networking – Coursera Nov 2024

# Technical Skills

**Languages:** C++, R-Language, HTML, CSS

**Tools/Platforms:** Tableau, Git, Github

**Skills**: Data Structures and Algorithms, DBMS, OS, Computer Networks

# Education

**Lovely Professional University Punjab Since 2022**

Computer Science and Engineering — CGPA: 6.69 Jalandhar, Punjab

**Doon Public School 2021 – 2022**

12th with Science — Percentage: 86 % Uttar Pradesh, India

**Doon Public School 2019 – 2020**

10th with Science —Percentage: 88 % Uttar Pradesh, India