Akashdeep Singh

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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
- 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   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 — Cipher Schools   July 2024
- Data Visualization with Tableau — Coursera   January 2024
- Bits and Bytes of Networking — Coursera   November 2024

Technical Skills

Languages: C++, R-Language, Java, Python

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