Vaibhav Bhardwaj

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SKILLS SUMMARY

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

TRAINING

- **GeeksforGeeks – DSA (Self placed)**   Jun '24
  Summer Training
  - Completed an intensive self-paced training program focused on foundational and advanced programming concepts.
  - Gained expertise in C++ programming and core Object-Oriented Programming (OOP) principles.
  - Strengthened problem-solving skills by learning key Data Structures such as arrays, linked lists, stacks, queues, trees, and graphs.
  - Explored and implemented Dynamic Programming (DP) and Greedy Algorithms to solve real-world optimization problems.
  - Enhanced a strong understanding of algorithmic efficiency and coding best practices

PROJECTS

- **Placement Prediction** | **Tech**: R, Flexdashboard, dplyr, rpart, e1071   Dec '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.

- **Mobile Phone Market Analysis** | **Tech**: Data Visualization   Nov '24
  - Developed an interactive Tableau dashboard to analyze the smartphone market using a dataset of over 3,000 mobile phone models.
  - Conducted in-depth analysis of key factors such as customer ratings, pricing strategies, storage capacities, and brand performance.
  - Visualized insights like rating distributions, brand-level pricing trends, storage-price relationships, and color availability using dynamic charts (e.g., bar charts, tree maps, and scatter plots).
  - Enhanced decision-making for consumers and businesses by presenting actionable insights into market trends and customer preferences.

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

CERTIFICATIONS

- DSA Self Placed – GeeksForGeeks   Jul '24

- Dynamic Programming, Greedy Algorithms – Coursera   Jan '24

- Cloud Computing – NPTEL   Nov '24

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology – Information Technology; ***CGPA: 8.01***   *Since August 2022*

  Coursework: *Object Oriented Programming, Data Structures, DevOps, Databases*

- **Pradesh Public International School of Sciences**   Hamirpur (H.P)
  Intermediate; ***Percentage: 96%***   *April 2019 - March 2021*

  Coursework: *Physics, Chemistry, Mathematics*

- **Pradesh Public International School of Sciences**   Hamirpur (H.P)
  Matriculation; ***Percentage: 96%***   *April 2018 - March 2019*