

# Vaibhav Bhardwaj

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## Training

### Flutter Development Track

#### Summer Training

May 2024 - June 2024

- Successfully completed an instructor-led summer training program focused on Flutter and Dart, aimed at building cross-platform mobile applications from the ground up.
- Gained hands-on experience in developing responsive and adaptive user interfaces using Flutter's widget-based framework, ensuring compatibility across both Android and iOS platforms
- Integrated Firebase services, including authentication and real-time database, into mobile applications to enable user login functionality and cloud-based data storage.
- Deepened understanding of Dart programming language fundamentals, including asynchronous programming, object-oriented principles, and best practices in mobile application development.

## Projects

### Placement Prediction | Tech: R, Flex dashboard, dplyr, rpart, e1071

Nov 2024 - Dec 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.

### Mobile Phone Market Analysis Dashboard | Tech: Data Visualization

Oct 2024 - Nov 2024

- 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. Used extensively by students for preparation of university exams in COVID times.
- 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).
- Actionable insights for better decision-making in market trends and preferences.

## Certificates

Flutter Development Track — By Cipher Schools

July 2024

Data Analysis with Tableau — By Coursera

Oct 2024

Cloud Computing — By NPTEL

Nov 2024

## Technical Skills

**Languages :** C++, Java, R-Language, SQL

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

**Skills :** DBMS, OS, Computer Networks

## Education

**Lovely Professional University Punjab**

Since 2022

Computer Science and Engineering — CGPA: 8.01

Jalandhar, Punjab

**Pradesh Public International School of Sciences, Hamirpur (H.P)**

2019 – 2021

12th with Science — Percentage: 96%

Hamirpur (H.P)

**Pradesh Public International School of Sciences, Hamirpur (H.P)**

2018 – 2019

10th with Science —Percentage: 96%

Hamirpur (H.P)