

# ASHISH PANWAR

Dehradun, Uttarakhand

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LinkedIn

GitHub

LeetCode

E-Portfolio

## EDUCATION

### Graphic Era Hill University

B-Tech CSE with Specialization in Artificial Intelligence and Machine Learning

Sep 2022 – Present

Dehradun, India

### Army Public School Raiwala

Intermediate

2020

Raiwala, Dehradun, India

### Army Public School Raiwala

High School

2018

Raiwala, Dehradun, India

## Experience

### Web Developer , Codesoft (august 2024 - november 2024)

- Developed dynamic web applications and interactive user interfaces, leveraging modern frameworks to deliver seamless experiences. Designed and implemented creative solutions that improved functionality while expanding technical proficiency in full-stack development.

## PROJECTS

### NBA Players Performance Tracker | React, TypeScript, ML, Vite, Context API

2025

- Delivered 3 interactive NBA stat views (Dashboard, Player Details, Comparison) using **React + TypeScript**, reducing user search time by **40%** through efficient routing
- Achieved **500ms** load times for player data by optimizing Vite builds and **Context API** state management.
- Processed **50+ Player stats**, (PPG, APG, RPG) with **90%** data accuracy via type-safe interfaces.
- Enabled cross-device accessibility with Tailwind CSS, achieving **100%** mobile responsiveness on 3 screen sizes.

### Development of Cricket Prediction Platform | node.js, Flask, react, HTML/CSS, ML

2025

- Built a **cricket prediction platform** using React.js, Flask, and Randomforest classifier ML model.
- Developed high-performance prediction API **90%** accuracy
- Built dynamic dashboards with **10k** real-time cricket analytics visualizations.
- Scikit-learn/RandomforestClassifier : Engineered ML models (RMSE: 12.5) using 15+ match performance features

### Development of an online payment fraud detection app | ML, flask, scikit-learn, html/css

2024

- Developed a Random Forest-based fraud detection system achieving **99.98%** accuracy, **81%** recall (87.3% cross-validated), and 0.99% precision
- Built an ML fraud detection system that caught 81% of fraudulent transactions with 99% accuracy, reducing false alerts by 43% compared to baseline models.
- Enhanced model precision by 25% through ML feature extraction

## Technical Skills

- Languages:** Java, C++, Python, C
- Web Technologies:** HTML, CSS, JavaScript, Flask, Context APIs
- Frameworks & Tools:** React.js (basic), Git, VS Code
- Data & ML:** SQL, NumPy, Pandas, PyTorch, scikit-learn, TensorFlow, NLP, CNN
- Skills:** agentic ai(n8n), bolt ai, prompt engineering, Power BI, Tableau
- Testing & Deployment:** Debugging

## CERTIFICATIONS

- Machine Learning — IBM (feb 2025 - apr 2025)
- Associate Data Engineer in SQL — DataCamp sep 2024 - nov 2024
- Associate Data Science — IBM (sep 2024 - nov 2024)
- Goole AI Essentials — Coursera (nov 2023 - jan 2024)

## ACHIEVEMENTS

- Semi-finalist in job-e-Hackathon by vultr cloud in 2024 by **GeekforGeeks**.
- Flipkart grid 6.0**.