

AAYUSH RAY

+91- 9749453037 | aayushray2003@gmail.com | LinkedIn:  | Github:  | Leetcode: 



EDUCATION

B.E in Computer Science, Chandigarh University, Punjab

2025

SKILLS

Languages: C++, Python, Java, HTML, CSS, JavaScript

Database: SQL, MongoDB

Libraries and Frameworks: React JS, Node JS, Tailwind CSS

Tools: Power BI, GitHub, VS Code

Relevant Coursework: DSA, OOPs, DBMS, OS, Web Development.

PROJECTS

Practice Projects: Sorting Visualizer – **DSA, JavaScript, CSS**



Chatter (Online Group Chat) – **Socket.IO, NodeJS, CSS**



Uber Clone Application



- Developed a ride-hailing application using **Next.js** and **Tailwind CSS**
- Integrated **Google Maps API** for real-time location tracking and route optimization.
- Implemented features for user authentication, ride booking, and fare calculation.

AI-based Moving Vehicle Number Plate Detection



- Designed a program using AI-based image processing techniques.
- Leveraged **YOLOv8** for object detection and **OCR** for text recognition.
- Analyzed system performance using precision and recall metrics.

Fake News Detection using Machine Learning



- Developed a fake news detection model using **NLP** and **sentiment analysis**.
- Employed ensemble methods like **Random Forest** and **Gradient Boosting**.
- Conducted a comprehensive evaluation and refinement based on performance metrics.

CERTIFICATES

- Machine Learning by Andrew NG (Coursera)
- Introduction to Relational Databases RDBMS (Coursera)
- Advanced Machine Learning on Google Cloud (Coursera)

ACHIEVEMENTS

- Top-10 finish out of 300 teams in the Tekathon (hackathon) 3.0 contest.
- Runners up of Standard Chartered GBS Campus Engagement Event 2024.
- Research paper on Fake News Detection using Machine Learning got selected in International Conference on Computation of Artificial Intelligence & Machine Learning.