



## Prahlad Singh Aswal

Backend Developer • Frontend Developer • Software Developer

Graphic Era Hill University • 2020-2024



### Projects

#### Real Time Surveillance Criminal Detection System

- The system uses LBPH to analyze video feeds, accurately identifying and tracking individuals with known criminal records by comparing detected faces against a database.
- Criminal Registration, Live Surveillance, Video Surveillance, Image Surveillance, Detecting Criminal, prompt alerts.

Skills Developed: Machine Learning, Database Management, Data Cleaning, Data Modeling, Data Visualization, Data Analysis.

#### Software Developer Income Prediction

- To leverage data analytics and machine learning techniques to predict the potential earning of software developers.
- Predict software developer income, Mean salary of developer Based on country and experience, education etc.

Skills Developed: Machine Learning, Data Modeling, Database Management, Data Visualization, Data Cleaning, Data Analysis

#### Modern Real Estate App using React

- The goal of a modern real estate app using React is to provide a seamless user experience for browsing, searching, and managing property listings.
- Search rental homes and properties, Property selling, buying and renting, Properties Details, Interactive and responsive Interface

Skills Developed: React.js, Rapid API, Next.js, React hooks, Server Side Rendering

#### Podcast Platform using Next.js

- The podcast platform will allow users to discover, listen to, and manage their favorite podcasts.
- Podcast Discovery, Episode playback, user authentication, Trending podcast filter, Responsive Design.

Skills Developed: Next.js, OpenAI API, Typescript, Tailwind

### Achievements/ Extracurricular Activities

- Solved more than 300 problems on various coding platforms.
- Participated in Flipkart GRID 5.0
- Participated in regional-level volleyball school competitions.

### Technical Skills

CPP | C | Java | Python | HTML | CSS | PHP | JavaScript | React.js | Node.js | Next.js | SQL | Rapid API | Typescript

### Database

MySQL | MongoDB

### Software Tools/Others

VS Code | Git | Postman

### Skills

Time Management | Teamwork | Positive Attitude | Critical Thinking | Problem Solving

### Education

Graphic Era Hill University, Dehradun  
B.Tech, Computer Science Engineering (CSE)  
| 8.3 CGPA

2020 - 2024

Kendriya Vidyalaya IDPL Rishikesh  
Class XII | 9.26 CGPA

2019 - 2019

### Links

LinkedIn: [Prahlad Singh Aswal](#)

Github: [Prahadaswal27](#)

### Certifications & Courses

Cisco Networking Academy

- Describe the tactics, techniques and procedures used by cyber criminals.
- September 2021 | [Certificate Link](#)