




# Pawan Kumar

kumarguptapawan35@gmail.com | +91 9315755108 | Noida, Uttar Pradesh  
in LinkedIn |  Leet Code |  Git Hub |  GFG

## PROFESSIONAL SUMMARY

As a B. Tech student in Computer Science Engineering specialization in AI/ML, I am seeking a Software Engineer role to further my knowledge in software development. I have experience with front-end development and eager to learn new technologies and contribute to team projects.

## SKILLS

- **Languages:** Python, Java, SQL
- **Web Development:** HTML, CSS, JavaScript, Bootstrap
- **Frameworks/Tools:** Numpy, Scikit-Learn, Pandas, Github, VS Code
- **Database:** MySQL, MongoDB
- **Soft Skills:** Analytical thinking, Communication skills, Team collaboration, Problem-solving

## PROJECTS

### 1. Weather Forecasting App - [LINK](#)

- Created a responsive weather app using **HTML**, **CSS**, and **JavaScript**, integrating a clean and user-friendly UI for weather data display.
- Implemented weather and location APIs from **OpenWeatherMap** to fetch and display real-time current weather and 5-day forecasts.
- Enabled location-based weather updates using **Geolocation API**, alongside manual city search for enhanced user flexibility.

### 2. Responsive Portfolio Website - [LINK](#)

- Developed using **HTML**, **CSS**, and **JavaScript**, featuring sections like Home, About, and Contact, with a mobile-friendly layout using **media queries**.
- Implemented dynamic tab navigation and **responsive side menus** using JavaScript, enhancing user engagement and usability.
- Integrated a contact form with **Google Sheets** for message handling and styled the interface with **Font Awesome** icons for a modern look.

### 3. Movie Recommendation System

- Developed a **Movie Recommendation System** using **collaborative filtering (SVD)** and **content-based filtering (TF-IDF)** techniques, achieved an **RMSE of 0.85**.
- Performed **data preprocessing** and **exploratory analysis** on the **MovieLens dataset** using **Pandas**, **NumPy**, and **Seaborn** that enhanced model selection and improved recommendation relevance.
- Implemented a deep learning hybrid model with TensorFlow, integrating user and movie embeddings to enhance recommendation accuracy.

## EDUCATION

- **B. Tech in Computer Science Engineering (Specialization in AIML)** **2021 – 2025**  
Noida Institute of Engineering and Technology, Gr. Noida, Uttar Pradesh | **Percentage: 78.4%**
- **CBSE, Class XII** **2020 – 2021**  
Jagran Public School, Noida, Uttar Pradesh | **Percentage: 84.8%**
- **CBSE, Class X** **2018 – 2019**  
Maharishi Vidya Mandir, Noida, Uttar Pradesh | **Percentage: 88.4%**

## CERTIFICATES

- **Introduction to NoSQL Databases**, Coursera
- **Spring Boot and React Stack-DevOps Tools and Capstone Project**, Infosys Springboard
- **JavaScript Essentials**, Infosys Springboard
- **Building Recommender Systems with Machine Learning and AI**, Infosys Springboard