Pawan Kumar

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

PROFESSIONAL SUMMARY

As a B. Tech student in Computer Science Engineering with a specialization in AI/ML, seeking a Frontend Developer role. Expertise in HTML, CSS, JavaScript and Bootstrap. Passionate about utilizing modern JavaScript frameworks, optimizing performance, and enhancing user experience.

SKILLS

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

PROJECTS

1. **Weather Forecasting App**
   - Built a responsive **Weather Dashboard** using **HTML, CSS, and JavaScript**, integrating the **OpenWeatherMap API** for real-time weather data and geolocation-based search.
   - Designed interactive UI components with **CSS animations** and media queries to ensure a seamless experience across devices and platforms.
   - Utilized **RESTful APIs** and client-side scripting for dynamic data rendering, unit toggling, and robust error handling.
2. **Responsive Portfolio Website**
   - Developed a **Responsive Portfolio Website** using **HTML, CSS, JavaScript, and Bootstrap**, incorporating smooth scrolling effects and dark mode toggle for enhanced user experience.
   - Implemented **Scrollspy** for dynamic navigation highlighting and a **contact form** integrated with **EmailJS** for seamless message handling.
   - Enhanced the website's appeal with **JavaScript transitions** and **Bootstrap components**, ensuring compatibility across devices.
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