



Saksham Rajvanshi

Contact Information

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Professional Summar

Aspiring Web Developer with hands-on experience in creating responsive and interactive web applications using HTML, CSS, JavaScript, and React. Skilled in transforming design concepts into efficient user interfaces. Passionate about front-end development and currently deepening full-stack capabilities by learning the MERN stack (MongoDB, Express.js, React.js, Node.js). Enthusiastic about joining collaborative teams to build impactful web solutions.

Technical Competencies

Programming Languages: Python

Web Development: HTML, CSS

Databases: MySQL

Interpersonal Skills

Analytical thinking

Communication

Teamwork

Project management

Quick learner

Interests & Hobbies

Technology and Innovation | Problem Solver | Team Player

Languages Known

English (Conversational) | Hindi (Native)

Education

Chandigarh University, Mohali
Bachelors in computer science engineering (AIML)
Session: 2021-2025 | Score: 7.3 CGPA

Intermediate (CBSE) | Hira International School, Amroha
Session: 2020-2021 | Percentage: 75%

Matriculation (CBSE) | Hira International School, Amroha
Session: 2018-2019 | Percentage: 94%

Experience:

Driver Drowsiness Detection System:

Jan-May 2024 Developed a Driver Drowsiness Detection System using [specific technologies or tools used, e.g., Python, OpenCV, TensorFlow]. The system aimed to enhance road safety by monitoring driver alertness through real-time facial analysis and eye-tracking. Key features included: Real-Time Monitoring: Implemented facial recognition and eye-tracking algorithms to continuously assess driver alertness.

Projects:

E-commerce Website Development:

Developed a full-stack e-commerce platform using Python, Django, and React. Implemented core features such as user authentication, a dynamic product catalog, a shopping cart, and payment gateway integration to enhance user experience.

Technologies Used: Python, Django, React.js, JavaScript, SQLite, Stripe API

Key Contributions:

Designed and developed the backend API using Django REST Framework.

Implemented user authentication with JWT tokens.

Integrated Stripe API for secure payment processing, resulting in a 15% increase in successful transactions.

House Price Prediction:

A machine learning model designed to predict house prices based on various features such as the number of bedrooms, bathrooms, square footage, and location using Python and Scikit-Learn.

Technologies Used: Python, Pandas, Scikit-Learn, Jupyter Notebook

Key Contributions: Developed data preprocessing scripts to clean and prepare data, implemented multiple regression models, and optimized the model to achieve an accuracy of 85%.