

Shashwat Chandel

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<https://github.com/Shashwatt-git>

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Education

Indian Institute of Information Technology , Dharwad | B-Tech CSE | 2021-2025

Motilal Nehru National Institute of Technology , Allahabad | M-Tech CSE | 2025-2027

OP JINDAL SCHOOL | CBSE

XII : 78.33%

X : 91.2%

Projects

○ Smart Cancer Care: Website

- Engineered an AI-powered platform for personalized cancer treatment using NLP and image processing to analyze patient records, detect gaps, and generate tailored strategies.
- Secured sensitive medical data with encryption and implemented a robust dashboard for real-time progress tracking and appointment management.
- Optimized patient care workflows with real-time processing and seamless integration of external APIs for accurate diagnostics and insights.

○ ThreatSentry: Website

- Developed a cybersecurity testing tool leveraging LLMs and the MITRE ATT&CK framework to generate tailored incident response scenarios for Enterprise and ICS environments.
- Integrated APIs (OpenAI, Azure, Google AI, Mistral, Ollama) for advanced scenario creation, with secure credential management and optional LangSmith support for debugging and monitoring model performance.
- Streamlined deployment using Docker and enabled real-time feedback, scenario updates via chat interface, and Markdown downloads for generated scenarios.

○ DreamHome: Website

- Built a scalable and secure website using ReactJS, NodeJS, and SQL, connecting the frontend to the database for efficient query retrieval.
- Implemented a robust role-based access control model to streamline operations and enhance security.
- Designed a modern, user-friendly interface, delivering improved user experience and exceeding performance expectations

○ Flappy Bird: Android App

- Developed an Android game using Flutter and Dart, featuring smooth gameplay and responsive design.

- Integrated Firebase for real-time score tracking and storage.
- Ensured a seamless user experience with efficient data management and intuitive controls.

○ **Travel Genie:** Android App

- Developed a high-quality travel app using Flutter, Dart, Firebase, and REST APIs, integrating flight and train booking functionalities.
- Implemented features like interactive maps, expense tracking, currency conversion, and translation for enhanced user convenience.
- Collaborated with the team to deliver a seamless and efficient travel experience.

Skills

- Front End Web Development | React JS , HTML,CSS
- Android App Development | Flutter, React Native
- Back End Web Development |Node JS , Python , Java
- Miscellaneous | Machine Learning , DSA , MongoDB

TRAININGS / CERTIFICATIONS

○ **WebDev And Web3 Course | Teachnook Pvt.ltd, Virtual :**

Learned Web Development and Web 3.0 from basic to advanced levels through a project-based approach, applying new concepts effectively

○ **Flutter & Dart -The Complete Guide** | Udemy, Virtual:

Learned Flutter and Dart from scratch, creating multiple Android and iOS apps. Gained experience with Firebase integration, Google Maps, and camera functionalities. The course provided in-depth knowledge, helping me advance as a Flutter developer

○ **Postman :**

Attended a workshop on Postman and became a student expert.