

DEEPAK KUMAR RAJ

Aurangabad, Bihar

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EDUCATION

UIET, Panjab University, Chandigarh

B.E - Computer Science and Engineering - **CGPA - 6.68**

2021 – 2025

Chandigarh, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Computer Network & Security
- Database Management System (DBMS)
- Web Development
- Artificial Intelligence
- Operating Systems
- OOPS Concept
- Software Engineering

PROJECTS

House Price Predictor [↗](#) | Python, NumPy, Pandas, Seaborn, Scikit-learn

Jul 2024

- Developed a **machine learning model** to **predict house prices**..
- includes data **preprocessing**, **feature engineering**, and **regression model implementation** to estimate house prices based on various features.

ToDo App [↗](#) | JavaScript, ReactJS, TypeScript, Vite, Emotion, MUI

Feb 2024

- Developed a **ToDo-App** using **JavaScript**, **ReactJS**, and **TypeScript** to manage daily tasks efficiently .
- Utilized **Vite** for fast build and development setup, and integrated **Emotion** for CSS-in-JS styling. .
- Implemented **Material-UI (MUI)** components for a responsive and modern user interface. .

INTERNSHIP

Design Innovation Centre, Panjab University [↗](#)

Jun 2023 – Jul 2023

Artificial Intelligence Intern

Chandigarh, India

- Contributed to the preprocessing and classification of fundus camera images for **diabetic retinopathy detection**.
- Implemented **machine learning algorithms** to improve the accuracy of image classification.
- Collaborated with a team to enhance the **pipeline for data preprocessing and model training**.

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, SQL, XML

Developer Tools: VS Code, Jupyter Notebook, XCode

Technologies/Frameworks: Linux, macOS, GitHub, ReactJS, NodeJS, ExpressJS, Git, Mongo

CODING PLATFORMS

- Solved **100+** Problems on **Leetcode**. [↗](#)
- Codeforces Max Rating **665** [↗](#)

CERTIFICATIONS

- Intro to Python
- Intro to Machine Learning
- Microsoft AI Classroom - Microsoft

EXTRACURRICULAR

- Member of **Jugaad - Robotics Club of UIET**.
- Member of **Imagen - Photography Club of UIET**.
- NSS Member from 2022 to till now.