Naman Kumar Singh

Computer Science & Engineering

National Institute of Technology Kurukshetra

+91-7409045422

B.Tech

Male

Examination	University	Institute	Year	CPI/%
Graduation	NIT	NIT Kurukshetra	2019-23	7.19
Intermediate/+2	HSC	SR DAV Public School	2016-17	84%
Matriculation	SSC	SR DAV Public School	2015	7.4

TECHNICAL SKILLS

- **Programming & Scripting Languages**: C++, Java, JavaScript, HTML, CSS, Python

- **Tools & Libraries**: ReactJS, ExpressJS, MongoDB, OpenCV, TensorFlow

- **Data Structures and Algorithms**: 300+ DSA questions solved on LeetCode

PROJECTS

- **Face Mask detection**,
    - Machine Learning (Computer Vision using CNN)
    - Detect if a person is wearing a mask or not
    - Use a pre-trained DNN model to locate faces in images or video
    - Use a trained CNN model (based on MobileNetV2) to identify if detected faces are masked or unmasked
    - Libraries: numPy (for calculations), scikit-learn (for data processing), Keras (for building and training the model), OpenCV (for image and video processing)
    - Gather and prepare a dataset of faces with and without masks
    - Train the model and evaluate its accuracy, precision, recall, and F1-score
    - Combine the face detection and mask detection models for real-time use in monitoring public spaces and ensuring mask compliance
- **SecurePay**,
    - User registration, login, and password recovery with JWT authentication
    - Efficient data storage and retrieval using MongoDB
    - RESTful APIs for user and payment operations developed with Express
    - Responsive user interface built with React
    - Secure payment processing integrated with third-party gateways
- **Attendence Management Android App**
    - Developed for managing attendance and information of teachers and students
    - Created and managed an SQLite database for storing and retrieving data
    - Database stores teacher information, student information, and attendance details
    - Designed user-friendly interfaces for easy data entry and retrieval
    - Built on the Android Studio platform
    - Programming languages used: JAVA and XML
- **Traveling Helper**
    - Developed a static front-end website for browsing information on popular hotels in India
    - Created a basic flight booking login page
    - Focused on providing a user-friendly interface
    - Technologies used: HTML, CSS, and JavaScript

SOCIALS & LANGUAGES

- **Socials**

    - Gmail ID: nksnamannks@gmail.com

    - LinkedIn: https://www.linkedin.com/in/naman-kumar-singh-36121a1b5/

- **Languages**

    - English
    - Hindi