# Naman Kumar Singh

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in Naman Kumar Singh  NKSG100

## About Me

Motivated and eager to learn, with a strong interest in Software Development Engineering. Ready to use my skills and work hard to contribute to a team

## Education

**NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA**

*B.Tech in Computer Science and Engineering*

- **Coursework:** OOPS, Web Design, DSA, Java, DBMS, OS, CN, ML

## Skills

**Languages:** C++, Java, HTML/CSS, JS.

**Tools & Libraries:** ReactJS, ExpressJS, MongoDB, Tensorflow, NextJS, Tailwind CSS.

**Competitive Programming:** Leectode(400+ Q's), Codechef.

## Projects

**Face Mask detector** - (under the guidance of asst. prof. Mamtesh Nadiyan)  *github* 

- Developed an ML model using CNN to detect if a person is wearing a mask or not.
- Used a pre-trained DNN model for face detection in images and videos.
- Trained a MobileNetV2-based CNN model to classify faces as masked or unmasked.
- Used libraries like NumPy, TensorFLow, and OpenCV.
- Gathered a data set 7553 images for training and evaluated model performance in real-time mask detection.

**Secure Pay**  *github* 

- User registration, login, and password recovery with JWT authentication.
- Efficient data storage and retrieval using MongoDB.
- Responsive user interface built with React.
- Secure payment processing integrated with third-party gateways.

**My React-Portfolio** ( Demo )  *github* 

- Developed an interactive and visually appealing portfolio website using React with multiple sections like Skills, Projects, and Education.
- Implemented React Router for seamless navigation between different sections of the portfolio.
- Optimized the user interface with smooth transitions and modern, clean aesthetics.
- Deployed the portfolio on Vercel for fast, reliable access and performance.

**Quiz-App** ( Demo )  *github* 

- Built a quiz app using NextJS with subject selection and MCQ questions.
- Questions are fetched dynamically from the Open Trivia API based on the selected subject.
- Users are presented with a 20-second timer per question and earn points for correct answers.
- The app features an interactive UI with real-time feedback and displays the total score at the end.

## Soft Skills

- Problem Solving, Teamwork, Time Management, Work Ethic, Cultural Awareness.
- **Communication skills:** Proficient in English and Hindi (both spoken and written)