Naman Kumar Singh

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in Naman Kumar Singh ◯ NKSG100

About Me

Motivated and eager to learn, with a strong interest in [industry/field]. Ready to use my skills and work hard to contribute to a team

Skills

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

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

Competitive Programming: Leectode(350+ Q's), Codechef.

Education

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
B.Tech in Computer Science and Engineering

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

Projects

Face Mask detector - (6 Months)   *github* ↗

- Developed an ML model using CNN to detect if a person is wearing a mask or not.
- Utilized 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 tools and libraries like NumPy, scikit-learn, Keras, and OpenCV for data processing, model building, and image/video processing.
- Gathered and prepared a dataset for training, evaluated model performance, and integrated real-time mask detection for public space monitoring.

Secure Pay   *github.com/name/repo* ↗

- 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   *github* ↗

- Developed an interactive and visually appealing portfolio website using React.
- Implemented React Router for seamless navigation between sections of the portfolio.
- Created Separate Multiple Sections like Skills, Projects, Educations to know about me.
- Optimized user interface with smooth transitions and clean, modern aesthetics.
- Deployed the portfolio on Vercel for fast, reliable access and performance.

Quiz-App   *github* ↗

- A quiz app built using Nextjs that allows users to select subjects and answer mcq questions.
- Questions are dynamically fetched from an external API based on the selected subject (from Open trivia api).
- Each question is presented with a 20-second timer.
- Users earn points for correct answers, with the total score being displayed at the end of the quiz.
- The app features an interactive UI that enhances user engagement with real-time feedback on answers.