

# KARTIK GOEL

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## EDUCATION

KIET Group Of Institutions(AKTU)	2020 – 2024
B.Tech - Information Technology <b>SGPA - 6.9</b>	Ghaziabad, India
St.R.C Convent School(CBSE)	2019 – 2020
Class XII - PCM - <b>Percentage - 93.3%</b>	Shamli, India
St.R.C Convent School(CBSE)	2017 – 2018
Class X - <b>Percentage - 89%</b>	Shamli, India

## PROJECTS

### Portfolio Website [↗](#) | HTML, CSS, JavaScript, TailwindCSS, NextJS, ReactJs

- Created a visually appealing portfolio website with enhanced user experience, optimizing loading time by 20%.
- Developed a responsive site using ReactJS, Next.js, and Tailwind CSS, resulting in 30% higher interactivity and responsiveness.
- Implemented effective lazy loading techniques to further enhance user experience.

### System Sentry (Team Project) [↗](#) | Python, ReactJS, NodeJS, ML, Ngrok, NutJS

- Engineered and launched System Sentry, an innovative file monitoring system embedding advanced security elements, leading to a significant drop in security breaches.
- Executed System Sentry, an adept file monitoring remedy overseeing file interactions, yielding a high surge in system security and expediting incident response by 20%.
- Developed System Sentry as an effective solution, utilizing thorough file tracking to enhance security measures significantly.

### Yaatrigan [↗](#) | JavaScript, Material UI, ReactJS, API's

- Crafted an intuitive UI and map-centered website, simplifying navigation and usability by 50% compared to other online platforms.
- Leveraged Material UI and APIs to enhance aesthetics, outshining around most of the websites, and integrated APIs to fetch data on restaurants and tourist attractions.
- Designed a user-centric interface with interactive maps, ensuring exceptional usability and visually appealing presentation through Material UI and APIs.

### Gender and Age Recognition [↗](#) | Python

- Developed a real-time detection system, elevating mobility by 50% through wireless integration with diverse cameras via wireless connections.
- Implemented a pre-trained Caffe Model, cutting manual dataset efforts by 70%, detecting and classifying hair-related features
- Engineered wireless detection, utilizing pre-trained Caffe Model for efficient hair-based classification.

## TECHNICAL SKILLS

**Languages:** Python, C++, JavaScript

**Frontend Technology:** HTML, CSS, TailwindCSS, ReactJS, NextJS

**Backend Technology:** NodeJS, ExpressJS, MySQL

**Cloud:** Google Firebase, Netlify, Vercel, Google Cloud Services

**Developer Tools:** Linux Administration, Git, Github, Postman, Notion, Visual Studio Code

## COURSEWORK / SKILLS

- |                     |                    |                    |                   |
|---------------------|--------------------|--------------------|-------------------|
| • DSA               | • Computer Network | • Machine Learning | • Web Development |
| • Operating Systems | • DBMS             | • OOPS Concept     | • BlockChain      |

## CO-CURRICULAR

Hack The Mountain 3.0 (Team Leader) <a href="#">↗</a>	(Haryana) 09 2022
HackMol 4.0 (NIT) <a href="#">↗</a>	(Jalanghar) 02 2023
Vihaan 6.0 (DTU) <a href="#">↗</a>	(Delhi) 04 2023