

SHUBHAM SINGH

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ABOUT ME

Curious learner and tech explorer with hands-on experience in building responsive, real-time and scalable web apps. Focused on growing skills in backend and machine learning. Eager to apply and expand technical skills through practical, team-driven internship experiences.

EDUCATION

The National Institute of Engineering, Mysuru

Aug 2023 - Jun 2027 (Expected)

B.E. in Computer Science & Engineering, 2nd yr

- Operating Systems, Database Management Systems
- Analysis & Design of Algorithms, ARM processors, Django

Kendriya Vidyalaya COD chheoki, Prayagraj (CBSE)

• Class 12th - 94.3%

Apr 2021 - Mar 2022

• Class 10th - 89.4%

Apr 2019 - Mar 2020

PROJECTS

Scalable Video Intelligence System

Mar 2025 - Present

- Built a role-based web platform that transforms live camera feeds into actionable insights using AI/ML. Enables services like attendance tracking, face recognition, and behavior analysis with real-time monitoring across classrooms, labs, and public spaces.
- Designed a modular dashboard for flexible service control. Reduced manual surveillance and attendance logging effort by up to 70%, significantly improving operational efficiency.

Real-Time Energy Usage Monitoring System

Nov 2024 - Dec 2024

- Developed a smart home energy tracking system featuring a real-time dashboard that visualizes energy usage patterns and sources, allowing users to identify energy waste and reduce consumption by 15% within one month.

Coca-Cola Reimagined Website

Apr 2025 - May 2025

- Designed a reimagined and interactive website using ReactJS, featuring GSAP animations and tailored UI/UX showcasing products and brand, to increase user engagement and time-on-site.

Personal Portfolio

Oct 2024 - Apr 2025

- Designed and developed a fully responsive personal portfolio using React, TailwindCSS to showcase my projects, skills, and experience.
- Focused on clean UI/UX, smooth scrolling, light/dark mode and mobile optimization.

TECHNICAL SKILLS

- *Web Development:* React, EJS, TailwindCSS, GSAP, Express.js
- *Databases:* MySQL, SQLite3, Firestore, MongoDB
- *Languages:* Python, JavaScript, Java, C
- *Machine Learning:* OpenCV, paddleOCR, Data Visualization
- *Tools:* Firebase, Figma, Git, GitHub, Notion, Discord

LANGUAGES

- English
- Hindi