

SHUBHAM SINGH

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ABOUT ME

Curious learner with hands-on experience in building responsive, role-based and scalable web apps. Focused on designing reliable and secure systems and integrate ML algorithms 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 - 8.7 GPA

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

Kendriya Vidyalaya COD chheoki, Prayagraj (CBSE)

- Class 12th - 94.6%
- Class 10th - 89.4%

Apr 2021 - Mar 2022

Apr 2019 - Mar 2020

PROJECTS

Scalable Video Intelligence System

Mar 2025 - Present

- Built a role-based web platform that uses AI/ML to transform live camera feeds into actionable insights.
- Designed a modular dashboard with role-based access control for flexible service management. Reduced manual surveillance and attendance logging effort by up to 70%, significantly improving operational efficiency.

Utsav - An event management system - [utsav-ems.web.app](#)

Apr 2025 - May 2025

- UTSAV is a modern, full-stack web app implementing role-based access control to provide a centralized platform for organizers and participants to engage seamlessly in events of all scales, within an organization and help in marketing, analytics and management of events.

Coca-Cola Reimagined Website

May 2025 - Present

- 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, NodeJS, TailwindCSS, GSAP & ScrollTrigger
- *Databases:* MySQL, SQLite3, Firestore, MongoDB
- *Languages:* JavaScript, Python, Java, C
- *Machine Learning:* OpenCV, PaddleOCR, Data Visualization (e.g., Matplotlib, Seaborn)
- *Tools:* Firebase, Firestore, ExpressJS, Figma, Git, GitHub, Notion, Discord

LANGUAGES

- English
- Hindi