YASH GOEL

B.TECH STUDENT | INDUSTRIAL IOT

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About Me

Apassionate and driven individual who thrives on innovation, problem-solving, and continuous growth. Always eager to take on challenges, adapt and push boundaries, and make a meaningful impact with a strong hustler mindset.

Skills

Technical Skills : Python, C, C++ , HTML, CSS, Deep Learning, JavaScript, Git,UI/UX.

Soft Skills : Analytical thinking, Problem Solving, Time management

Education

Vivekananda Institute of Professional Studies, India **2024-2028**

- CSE(IIOT)|GPA: **8.96**

Geeta Vidya Mandir Public School, Panipat, Haryana, India **2022-2024**

- AISSCE(Class XII),Aggregate:84.8%

Work Experience

- **Research Intern @IIIT-Delhi-**gain **hands on experience** in system design, testing, and implementation.

Projects

- **AI-Driven Intelligent Traffic Management System (In Progress) :** Developing an AI-based system for real-time traffic optimization integrating automated challan issuance and smart toll collection
- **Saferoute** : Designing an AI - driven system for vehicles to improve road and aviation safety by providing real-time visibility data
- **PCO-Sense for Women's Health (In Progress) :** Developing a sensor-based health monitoring system for early detection of health conditions in women, leveraging IoT for real-time analysis
- **AgriSight:** An AI-powered smart agriculture platform that detects crop diseases from images, provides real-time insights, and helps farmers make data-driven decisions.
- **JanSetu —** An AI-driven citizen connectivity platform that bridges people with government services, enabling quick issue reporting and real-time grievance tracking.

Research papers & Patents

- Presented research paper about Green Material at an International Conference at IIPA-Campus about "Integrating Climate Action, Artificial Intelligence, SDGs, and Water Management
- Patent accepted for AI - driven Intelligent Traffic Management System
- Research paper about AI-driven Intelligent Traffic Management System :-"SmartEye: An IoT and FPGA-Accelerated Framework for Real-Time Traffic Surveillance and Violation Detection."

Certificates & Achievements

- **Top 100 Winner** – College Youth Ideathon 2025 at **IIT Delhi** (Powered by MEPSC, ThinkStartup, & IIT Delhi) out of 13000+ teams
- Emphasizing real-world issue solving, fast prototyping, and collaborative development, participated in **AI Craft 2.0** (Amity University, Noida) and **PIC Hackathon** (Sharda University) showcasing creative AI-based solutions
- **3rd position** at Internal Hackathon held at Vivekananda Institute of Professional Studies,New Delhi,India.
- **Top 7 Finalist** at TechClashers held at Gniot,Greater Noida,India