



AAYUSH ARUNAM

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Career Objective

Aspiring technology enthusiast seeking to build a future in the field of **Computer Science and emerging technologies**, with a strong foundation in programming, problem-solving, and software development. Eager to contribute to innovative projects and continuously evolve with the dynamic tech landscape.

Education

IIMT College Of Engineering, Greater Noida **2022 - 2026**
B.Tech in Electronics & Communication Engineering

Govt +2 High School **2021 - 2022**
Class XII (PCM)

Saraswati Vidya Mandir **2019 - 2020**
Class X

Projects

Gym website

- Developed a dynamic **Gym web application** using **HTML, CSS and JAVASCRIPT** for an interactive and seamless user experience.
- Designed an interactive **form page** where users can register and submit their gym membership details
- Implemented **form validation** and clean UI/UX for a smooth user experience
- Used **Bootstrap** for responsiveness and layout styling
- Focused on frontend development best practices and user-friendly design

Smart India Hackathon 2023 – Smart Public Lighting System

- Developed an **IoT-based smart street lighting system** to automate and optimize public lighting
- Lights turn **ON/OFF automatically** using a **phototransistor sensor** based on ambient light
- Uses **ESP32 microcontroller** as the central controller for all sensors and operations
- **Energy meter** tracks power consumption in real-time, Assist to reduce energy consumption and maintenance cost by reporting light status
- Sends data to the **Blynk cloud platform** for remote monitoring and control

Technical Skills

Core-skills: Java, Python, C, Html, CSS, Bootstrap, JavaScript, TailwindCss, React.js, MySQL, IOT , VLSI

Tools: VS Code, Git/Github, Thingworx, Sci-lab, Mat-lab

Certifications & Achievements

Completed Java with DSA Course – Apna College- Successfully completed an online course on **Java Programming and Data Structures & Algorithms** offered by **Apna College**, gaining hands-on experience with problem-solving and core programming concepts. **Certificate:** [View Certificate](#)

Frontend Web Development Course – YHills - Completed a certified course covering core frontend technologies including HTML, CSS, JavaScript, and Bootstrap. Gained practical knowledge in designing responsive web pages and building interactive user interfaces. Certificate: [View Certificate](#)

Industrial IoT (IIOT) Certification- Completed a comprehensive course on **Industrial IoT (IIOT)**, developing a real-world project based on arduino and breadboard. **Certificate:** [View Certificate](#)