Atul Gupta

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GitHub Profile
LinkedIn Profile

Education

- **Pranveer Singh Institute of Technology, Kanpur** — **2025**
  B.Tech CS (INTERNET OF THINGS) — **Percentage:** 61.84%
- **ST XAVIER'S HIGH SCHOOL BANDA** — **2021**
  12th Class -CBSE. BOARD — **Percentage**: 60.2%
- **ST MARY'S SENIOR SECONDARY SCHOOL** — **2019**
  10th Class -CBSE. BOARD — **Percentage**: 68 %

Technical Skills

Languages: C, Python, HTML, Tailwind CSS, JAVASCRIPT.
Developer Tools: IDEs, Git and network monitoring software for development and infrastructure management.
Frameworks: React.JS, Node.JS, Angular, Express.JS.
Cloud/Databases: MySQL.
Soft Skills: Strong communication, teamwork and fostering collaboration, evidenced by a 25-30% increase in team efficiency.
Coursework: computer science fundamentals, programming languages, web development, databases, security.
Areas of Interest: Full Stack Web development, Security, Deployment, Version Control, Testing and Debugging,

Projects

- **Data hiding using Steganography:**

Secret message hiding*:* Next JS, Tailwind CSS, and Framer Motion, resulting in a 40% improvement in page load.
This is a Python project for a Secret Information Storing System using the tkinter library for the graphical user interface. It improves the data security by the 50-60 % .This system allows you to encode and decode secret information within images

Voting System using Blockchain : *Frontend Developer & Blockchain Integrator*
Developed a decentralized voting platform using Ethereum and Solidity. Designed a responsive UI with HTML/CSS/JS and integrated Web3.js for blockchain interaction. Enabled secure, transparent voting with tamper-proof smart contracts, Metamask authentication, and real-time result visibility using Ganache and Remix IDE for testing.

- **IOT Projects:**

1.Smart Door Lock using Fingerprint *: Arduino UNO, Door lock, Fingerprint sensor, Servo motor ,Wires etc.*

- A smart door lock utilizing fingerprint technology combines security and convenience seamlessly. By integrating biometric authentication, users can unlock their doors with a simple touch and increase security by 70-80%.

2. Efficient Solar light system*: Arduino UNO , TinkerKat , Various Sensors.*

- -Increase the Productivity of the electricity by 30-35% % with the help of LDR sensor and Servo motors which tilts to the direction of the sun by detecting the light.

Achievements

–Certificate of participation from Cryptology and Network Security Conference with Machine Learning.
–Orchestrated a comprehensive Web Development Internship, boosting client satisfaction by 40%.
–Showcased mastery of Python by earning a Coursera Python(Basic) assessment certificate.
–200+ Problems Solved on LeetCode.
–Full stack development certificate from UDEMY
– HTML certificate from Infosys springboard