

JATIN KHADELWAL

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SUMMARY

Second-year B.Tech (Industrial IoT) student with hands-on experience in frontend development (HTML, CSS, JavaScript, Chart.js dashboards) and backend APIs (Node.js, FastAPI), and currently learning machine learning with PyTorch. Top 30 at Hack4Delhi 2026, 1st place at Ideate-it-Up 2026.

EDUCATION

Guru Gobind Singh Indraprastha University (GGSIPU), Delhi 2025 – 2029 (Expected)
B.Tech, Industrial Internet of Things (IIoT), University School of Automation and Robotics (USAR) | Currently 2nd year |
CGPA: 9.0 / 10 (First Year)
Class XII: 89% | **Class X:** 93%

PROJECTS

Delhi Sudarshan – AI-Powered Civic Command Center Hack4Delhi 2026, IEEE NSUT
Node.js, Express.js, JavaScript, Chart.js, Twilio

- Built a voice-first, zero-UI civic grievance platform as part of 4-member Team TARS, letting citizens lodge and track complaints without a mobile app.
- Designed a stateless “legacy-tunneling” middleware and a real-time Chart.js dashboard tracking department-wise resolution rates; ranked **Top 30 (Certificate of Merit)**.

GitHub: github.com/jatinkhandelwal662-jk/Delhi-Sudarshan | Live: delhi-sudarshan-frontend.vercel.app

Project S.E.T.U – Occlusion-Robust Road Extraction from Satellite Imagery ISRO Bharatiya Antariksh Hackathon, Aug 2026
Python, PyTorch, FastAPI, Leaflet.js

- Co-developed, with a 4-member team, a geospatial pipeline that reconstructs disconnected road networks from occluded satellite imagery using a Hybrid TransUNet model.
- Implemented graph-based topology healing (Minimum Spanning Tree, Union-Find) and betweenness-centrality analysis to flag critical infrastructure. Participated in **ISRO BAH 2026**.

GitHub: github.com/jatinkhandelwal662-jk/Project-S.E.T.U | Live: project-s-e-t-u.vercel.app

TECHNICAL SKILLS

Languages: C++, JavaScript, Python
Web & Backend: HTML5, CSS3, Node.js, Express.js, FastAPI, REST APIs, Chart.js, Leaflet.js, Twilio API
AI / Data: PyTorch, Hybrid TransUNet integration
Fundamentals: Data Structures & Algorithms, Data Analysis, Computer Networking (basics)
Tools: Git/GitHub, Docker, Vercel, Render

EXPERIENCE

Team Member – ACTS-EDC, GGSIPU East Campus Sep 2025 – Present

- Coordinated on-ground execution and logistics for **Brainwave 2026**, a large-scale campus hackathon, working with faculty, mentors and organising teams.

Core Member, Entrepreneurship Team – Tradophile, GGSIPU EDC Oct 2025 – Present

- Contributed to planning and execution of finance and entrepreneurship initiatives.

ACHIEVEMENTS & CERTIFICATIONS

- 1st Place** – Ideate-it-Up 2026, IGDTUW (Mar 2026), as Team Antigravity; solution pitch judged by faculty.
- Certificate of Merit, Top 30** – Hack4Delhi 2026 (IEEE NSUT).
- Participant** – ISRO Bharatiya Antariksh Hackathon 2026 (BAH 2026), Aug 2026.
- Finalist, Top 21** – DarkCode Rising (TechDome).
- Certification:** Introduction to IoT & Digital Transformation (Cisco, Sep 2025).