UTKARSH AGGARWAL

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OBJECTIVE

Computer Science undergraduate with a strong foundation in full-stack development and cybersecurity, demonstrated by national-level hackathon wins. Passionate about applying modern technologies to contribute to impactful, real-world projects and drive innovation and business transformation during internships and professional experiences.

EDUCATION

Bachelor of Technology in Computer Science and Engineering *Expected Aug 2026*
Dr. A. P. J. Abdul Kalam Technical University *Ghaziabad, India*
Relevant Courses: Data Structures, IoT Protocols, AI ML, Computer Networks, Database Systems

SKILLS

Programming	C++, Python, JavaScript, TypeScript
Markup/Query	SQL, HTML/CSS, JSON
Frameworks	React, Node.js, Firebase
Tools	Git/GitHub, Supabase, MongoDB, WordPress, MySQL, SQLite, TailwindCSS
Cybersecurity	CTFs, OSINT, Steganography, Vulnerability Analysis
Soft Skills	Problem Solving, Communication, Leadership, Team Collaboration

EXPERIENCE

Cybersecurity Lead Sep 2024 – Present
Google Developer Groups (GDG), ABESIT

- Conducted technical sessions on cybersecurity and mentored peers in secure web development practices.
- Enhanced the official GDG website with secure code and performance optimizations.

LLM Trainer Oct 2024 – Present
Contracted via Scale AI (Outlier.ai) and Aligner.ai

- Evaluated AI model outputs and provided feedback on NLP tasks, including summarization, reasoning, and coding.
- Curated high-quality prompts and refined model understanding of tone, correctness, and user intent.
- Ensured consistent adherence to project guidelines across various generalist domains.

PROJECTS

- **HackRally – Hackathon Platform**: Full-stack web application built using React, Supabase, and Tailwind CSS. Enables streamlined project submissions, real-time team collaboration via chat, judge score tracking, live leaderboard updates, and automated event scheduling. Designed with authentication, role-based access (organizers, participants, judges), and scalable backend for handling multiple hackathon events.
- **SegMap – Geo-Mapping and Disaster App**: Developed during SIH 2024 (ISRO); visualizes disaster zones and streamlines logistics using GIS.
- **Water Leak Management System**: SIH 2023 winner; built a system to detect water leakage in pipelines using pressure and flow data analysis.
- **Hacknovate 6.0 Website**: Official platform for ABESIT's Harry Potter–themed hackathon with real-time updates and registration. [View Site](#)

ACHIEVEMENTS

- **Winner – Smart India Hackathon 2023** (Ministry of Jal Shakti): Built a real-time water tracking solution. View Event

- **Finalist – Smart India Hackathon 2024 (ISRO)**: Proposed a satellite-based solution for public service challenges. View Event

- **4th Place (Online) 10th (Onsite) – Capture The Flag (CTF)**: Ranked in top 10 at The Hacker Meetup cybersecurity challenge. View Event

LEADERSHIP

- Spearheaded GDG ABESIT's cybersecurity wing, organizing technical events for 200+ participants.

- Organised **Hacknovate 6.0** – ABESIT's flagship 24-hour hybrid hackathon; managed logistics and technical planning. View Event

- Designed and hosted **Squid Hunt** – A multi-level cybersecurity challenge inspired by Squid Game; participants used OSINT, steganography, and system exploits. View Event

- Mentored juniors for hackathon participation and guided team-building initiatives.

EXTRA-CURRICULAR

- Write technical blogs on cybersecurity, development, and career tips on Medium. Read More

- Active in coding contests, AI workshops, and developer conferences.