PRATIK DAS

Cybersecurity & Software Development | Hackathon Winner | Team Leader | 9.65 CGPA
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SUMMARY

B.Tech CSE (Cyber Security) student with a 9.65 CGPA who works across security, web, desktop, mobile and applied AI. Built and ran a hackathon platform used at two live events, shipped a tools suite for web, Windows and Android, and led four hackathon teams, winning **1st place at Fusion Forge '26** and **Best Teamwork at ANVESHAN '26**. Interned in cybersecurity research at Necurity Solutions. Looking for a cybersecurity or software development internship.

9.65 CGPA · **1st of 60+ teams**, Fusion Forge '26 · **Best Teamwork**, ANVESHAN '26 · **3rd of 250+**, PI Pro · **2 live events** run

EDUCATION

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai 2024 – 2028
B.Tech CSE (Cyber Security) | **CGPA 9.65/10** (latest semester 9.71) | JEE Main 2024: 88.5 percentile
Coursework: Data Structures, Computer Networks, Cryptography & Network Security, Operating Systems, DBMS, Linux
Class XII (MPC): 96.0%, School Topper, District Rank 2 (2024) | Class X: 97% (2022)

TECHNICAL SKILLS

Programming: Python, Java, C, JavaScript, HTML5, CSS3 | **Databases:** SQLite, MySQL | **Tools:** Git/GitHub, REST APIs, CustomTkinter, OpenCV, Tesseract OCR
Security: Vulnerability analysis, phishing and BEC email threat detection, document compliance validation, cryptography fundamentals
Networking & Cloud: CCNA topics (VLANs, OSPFv2, ACLs, NAT, VPN, WAN), Linux, Oracle Cloud (OCI), AWS workshop, Vercel, Netlify
Used in projects with AI-assisted development: React, Next.js, TypeScript, Tailwind CSS, Flutter, Capacitor, FastAPI, PostgreSQL, Firebase, NLP, XGBoost
Strengths: Team leadership, event coordination, live troubleshooting, interviews and communication (3rd of 250+ in PI Pro)

PROJECTS

Vibeathon: Hackathon Management & Evaluation Platform (live) Used at 2 events
HTML5, CSS3, JavaScript, Vercel **Live**: Website | **Code**: GitHub
- Registration, team formation, rulebook, submissions, judging and event updates in one platform
- Ran live with **70 teams** (Feb 2026, Vel Tech Cyber Catalyst) and **32 teams, 58 participants** (Sep 2026, Dept. of Cybersecurity), where I was student coordinator and fixed issues during the event

Dutreyaj: Cross-Platform Productivity & Security Suite Web app, Windows (EXE), Android (APK)
Flutter, Next.js, TypeScript, Tailwind CSS, Python, SQLite **Live**: Website | **Code**: GitHub
- **21+ tools**: PDF merge, split, compress and convert, image tools, password tools, JSON/Base64/UUID utilities, QR codes. Most run in the browser, so files stay on the device
- Windows desktop app for offline batch document processing, plus an Android app

SHIELD: AI Email Security Platform (prototype, in development) Fusion Forge '26 · 1st Place
Python, NLP, XGBoost, Scikit-learn, FastAPI, PostgreSQL **Code**: GitHub
- Detects phishing, BEC, VEC, invoice fraud, executive impersonation, quishing and brand spoofing. Led a 4-member team to 1st place among 60+ teams; accuracy is still being improved

NEXUS: Offline-First Emergency & Community Network (working prototype, v1) ANVESHAN '26 · Best Teamwork
React, Vite, Dexie.js, Google Nearby Connections, WebRTC, WebSocket, Firebase, Leaflet, Web Crypto API **Code:** GitHub
- Saves incident reports on the phone, ranks critical ones first and relays them to nearby devices when offline; syncs to a responder dashboard when the network returns
- Led a 4-member team, top 30 of 336 teams in a 24-hour hackathon
- **Also built (prototypes):** Validator Academica (SIH 2025, Team Leader), OCR check for tampered academic certificates; Blood Link (ProtoBlitz '25, Team Lead), location-based blood donor finder

EXPERIENCE

Cybersecurity Research Intern, Necurity Solutions Network Security Pvt. Ltd. Jun – Jul 2026 (5 weeks, onsite)
- Built a Python and CustomTkinter desktop application for document compliance and validation; delivered to the company
- Processed **22+ PDF/DOCX reports** and connected a **113+ entry** vulnerability knowledge base to produce a report with **300+ entries**

ACHIEVEMENTS & LEADERSHIP

- **1st Place & Team Lead**, Fusion Forge '26 (60+ teams) | **Best Teamwork Award & Team Leader**, ANVESHAN '26 (top 30 of 336)
- **3rd Prize**, PI Pro Interview Competition (250+) | **Team Leader**, Smart India Hackathon 2025 | **8th Rank**, Nature & Environment Quiz (top 14 of 63 teams)

CERTIFICATIONS & WORKSHOPS

Cisco CCNA: ENSA (Jun 2026), SRWE (Jun 2026), ITN (Apr 2026) | **Oracle:** Cloud Infrastructure Foundations Associate (2025)
Hackviser: Certified Cybersecurity Foundations (2026) | **Cisco & OpenEDG:** Python Essentials 1 (2025)
Languages: English, Hindi, Bengali