

Rishi Shah

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Professional Summary

Computer Science undergraduate in Cybersecurity & Digital Forensics with hands-on MERN development, TypeScript/React, Node.js/Express, REST APIs, and Linux. Passionate about ethical hacking and building secure, user-centric products; shipped production-ready apps, Chrome extensions, and documented deployments.

Career Objective

Leverage full-stack and cybersecurity expertise to deliver impactful solutions; currently deepening penetration testing and advanced Data Structures & Algorithms to contribute to high-velocity engineering teams.

Education

VIT Bhopal University — B.Tech, CSE (Cybersecurity & Digital Forensics) Bhopal, Madhya Pradesh	2023–2027
Shree Shantiniketan English School , Latur — Higher Secondary (Class 11–12)	2021–2023
Podar International School , Latur — Secondary (Class 9–10)	2019–2021

Technical Skills

Languages: JavaScript, TypeScript, Python, C/C++, SQL, HTML, CSS
Frameworks/Libraries: React, Node.js, Express.js, MongoDB, MERN, Tailwind CSS, Vite
Tools: Git, Linux, VS Code, REST APIs, Netlify, Docker (basic), Figma
Cybersecurity: Threat analysis, email header inspection, spoofing detection, IP geolocation (ipinfo), privacy-first handling
Data/ML: Pandas, NumPy, scikit-learn
Learning: Advanced Data Structures & Algorithms; offensive security

Key Projects

trueSight — **Advanced Threat Detection & Analysis System** truesight1.netlify.app
React 18, TypeScript, Tailwind, Vite, Express, Groq (primary), DeepSeek (fallback), Whisper (optional)

- AI-powered hoax bomb-threat analysis for text/email/documents/audio with strict JSON output: confidence, classification, actions.
- Multi-format pipeline: .eml, .wav/.mp3/.m4a/.ogg, .pdf/.docx; PDF/Word extraction; optional Whisper transcription.
- Production-ready UX (keyboard shortcuts, animations), robust error handling, static hosting or Express server deployment.
- Config via .env (Groq/DeepSeek), ipinfo geolocation with badges/map preview; local heuristic fallback without API keys.

CiteKnight — Wikipedia UCoC Support (Chrome Extension) <i>HTML, CSS, JavaScript, Manifest v3, Gemini API</i>	GitHub
<ul style="list-style-type: none"> Tracks edits and flags potential UCoC violations; interactive swipe-based moderation flow to on-board editors effectively. 	
Fake Account Detector — Instagram ML <i>Python, Pandas, NumPy, scikit-learn, Matplotlib</i>	GitHub
<ul style="list-style-type: none"> Profile/activity features engineered for supervised models; evaluation and visualization for explainability. 	
AeroNav (Live) — Real-Time Flight Tracking <i>HTML, CSS, JavaScript, OpenSky API</i>	Portfolio
<ul style="list-style-type: none"> Live aircraft positions and metadata rendered with performant mapping and UI polish. 	

Achievements

National CyberShield Hackathon 2025 — Finalist (Top 35 nationally; Top 15 at MANIT Center) <i>Organized by Madhya Pradesh Police under CIIS 2025</i>	
<ul style="list-style-type: none"> trueSight: real-time hoax bomb-threat detection; led AI analysis and dashboard integration; presented to expert panel. 	
Hackbyte 3.0 (IIITDM Jabalpur) — Winner	
<ul style="list-style-type: none"> CiteKnight: gamified Wikipedia onboarding and violation flagging; shipped a working Chrome extension. 	

Trainings & Certifications

MERN Full Stack Certification Program — ETHNUS (Credential ID: 2HXW7CBS)	Jul 2025
Microsoft Certified: SC-900 Security, Compliance & Identity Fundamentals	Jun 2025
Blockchain and its Applications — NPTEL (Roll: NPTEL25CS08S650500061)	May 2025
Complete Portfolio Website Using HTML & CSS — Udemy	Feb 2025
HTML5 & CSS3: Build Websites Like A Pro — Udemy	Jan 2025
Fundamentals of AI and ML — VITYarthi	Dec 2024
Introduction to PowerShell Security (Blue Team)	Apr 2025

Extra-Curricular Activities

Volunteer, adVITYa '25 Techno-Cultural Fest, VIT Bhopal	2025
Discipline Volunteer, 5th Convocation, VIT Bhopal	2025
Active NSS Member, VIT Bhopal	2024–2025

Additional Information

Languages: English, Hindi, Marathi	•	Strengths: Analytical, detail-oriented, proactive, problem-solving
<ul style="list-style-type: none"> Interests: Ethical hacking, cybersecurity research, full-stack development, open-source 		