

Aryaman Singh

+91-7415549555 — aryaman.singh.1706@gmail.com

linkedin.com/in/aryaman1706 — github.com/aryaman170 — leetcode.com/AryamanSingh1706 (Rank: 356K, 302+ Solved)

Education

Vellore Institute of Technology, Vellore
B.Tech in Information Technology

Aug 2022 – Present

Little Angels High School (CBSE), Gwalior

10th: 93%

(2019)

12th: 87%

(2021)

Experience

Tata Consultancy Services (TCS) – Threat & Vulnerability Management Intern

Jun 2024 – Aug 2024

- Developed a full-stack cybersecurity news dashboard using React, Node.js, and FastAPI to aggregate threat intelligence from multiple sources.
- Implemented web scraping and data parsing pipelines with BeautifulSoup and Requests to track 50+ daily threat advisories from leading security portals.
- Designed an interactive UI with role-based access and dark mode support, enabling SOC analysts to filter, bookmark, and track critical CVEs in real-time.
- Deployed the backend on Render and integrated MongoDB for persistent storage of threat feeds.
- Automated daily updates with scheduled jobs and improved response latency through optimized API calls.

UI/UX Design Intern – Kalkini, MakersLab, Boardly (Remote)

Dec 2023 – Feb 2024

- Designed 5+ responsive website layouts in Figma, achieving 95% client satisfaction.
- Built a component library reducing developer handoff time by 25%.

Projects

Music Recommender System Python, Scikit-learn, Pandas

- Built a content-based engine using cosine similarity with 87% accuracy.
- Processed 10k+ songs, reducing recommendation latency by 40%.

Blood Donation Platform (Frontend) React, Material-UI, Redux

- Built a donor interface with geolocation using React hooks and Context API.
- Developed real-time notifications, increasing user engagement by 40%.
- Optimized components, achieving 95+ Lighthouse scores in accessibility.

Technical Skills

Security	Threat Analysis, Vulnerability Management, tenable
Languages	Java, C++, Python, SQL
Frontend	React, Responsive Design, Figma, HTML5, CSS3
Certifications	IBM Generative AI Professional