Aman Singh

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EDUCATION

- **University of Engineering and Management** — Kolkata, India
  Bachelor of Technology - Computer Science and Engineering; GPA: 7.57 — *July 2021 - August 2025*
  Courses: Operating Systems, Data Structures, Cyber Security, Artificial Intelligence, Machine Learning, Networking, Databases, Compiler Design

- **Saltlake point School** — Kolkata, India
  Class XII (ISC) - Computer Science; Marks Obtained :78% — *2020-2021*
  Subjects: English, Mathematics, Physics, Chemistry, Computer Science
  St.Joan's School Kolkata, India
  Class X (ICSE) - Science; Marks Obtained :75.8%
  2018-2019
  Subjects: English, Hindi, History & Civics, Geography, Mathematics, Science, Computer Applications

SKILLS SUMMARY

- **Languages**: JavaScript, JAVA, Html.
- **Tools**: GIT, VSCode, GitHub, Metasploit, Nmap.
- **Technical Skills**: Figma, Docker, Microsoft Office.
- **Soft Skills**: Leadership, Event Management, Writing, Time Management.

EXPERIENCE

- **CyberSecurity Virtual Case Experince** — Kolkata, India
  IT System Security Baseline, Integrated Information Defense . — *May - June 2023*
  Participating in PwC Switzerland's Cybersecurity Job Simulation offers hands-on experience in real-world scenarios, enhancing skills in threat detection, risk assessment, and incident response. Aligning with PwC's approach to client business protection provides insight into company culture and values. Additionally, it fosters networking opportunities and enhances competitiveness in the job market. Certificate,

PROJECTS

- **Praxis-AI-Generated Mock Interview Platform - (Next.js,TypeScript,Tailwind CSS,Neon DB,Shadcn UI)**:
  - Built an AI-powered mock interview platform with feedback and video/voice recording.
  - Designed a responsive UI with a scalable backend for smooth performance.

- **Smart ATS Analyzer - (Python, Streamlit, Google Gemini, PyPDF2, FPDF, dotenv)**:
  - Engineered an automated ATS analysis tool utilizing Google Gemini Pro for comprehensive resume evaluations and keyword analysis.
  - Developed PDF processing functionality to extract text from uploaded PDF resumes and generate detailed evaluation reports.

COURSES

- **Cisco Certified Network Associate Security (CCNA)**: ISOEH - Indian School of Ethical Hacking . Certificate.
- **CEH Professional**: Indian Cyber Security Solutions. Certificate.
- **Google Cybersecurity**: Course on safeguading the digital realm by Google. Certificate.
- **IBM Data Science**: IBM offers comprehensive training in key concepts and practical skills essential for aspiring data scientists. Certificate.
- **IBM Cybersecurity Analyst**: The course equipped professionals with the skills and knowledge needed to protect against evolving cyber threats, providing comprehensive insights into threat detection. Certificate.

ORGANIZER/VOLUNTEER EXPERIENCE

- **Organizer and Developer at Diversion'25** — Kolkata, India
  Lead development team, organized hackathon with over 500 participants, organised workshops. — *Feb 2025 - Present*

- **Co-lead for Web Development at Ecstasia'24** — Kolkata, India
  Co-led a team of 10 developers in creating a full-stack theme based website. Certificate — *Dec 2023 - Mar 2024*