

# Aman Singh

Portfolio: xcriminal.com

Github: github.com/xcriminal1

Email: aaryanamanaa19@gmail.com

Mobile: +91-9831042133

## EDUCATION

- University of Engineering and Management** Kolkata, India  
*Bachelor of Technology - Computer Science and Engineering; GPA: 8.37* 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 :81%* 2020-2021  
*Subjects: English, Mathematics, Physics, Chemistry, Computer Science*  
St.Joan's School Kolkata, India  
*Class X (ICSE) - Science; Marks Obtained :84%* 2018-2019  
*Subjects: English, Hindi, History & Civics, Geography, Mathematics, Science, Computer Applications*

## SKILLS SUMMARY

- Languages:** JavaScript, C, JAVA, Html.
- Frameworks:** NodeJS, ReactJS, Burpsuite.
- Tools:** GIT, VSCode, GitHub, SQL Firebase, 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,*
- Back-End Engineering Virtual Experience** Kolkata, India  
*Unit Testing, Software Architecture, Test-Driven Development .* June - July 2023  
*The Lyft Back-End Engineering Virtual Experience Program is a comprehensive initiative tailored for aspiring software engineers. Participants acquire practical skills and experience in back-end development, engaging with simulated real-world scenarios. Certificate,*

## PROJECTS

- Classic Games (Ball Game, Snake Game and Turtle Crossing Game) recreated using Java - (DSA, OOP, GUI):** Leveraged Java's standard libraries to develop interactive and visually engaging games, including Snake Game, Pong Game, and Turtle Crossing Game. Implemented game logic, collision detection, scoring systems, and intuitive controls, demonstrating proficiency in object-oriented programming and event handling.
- Fitness Support System - (Web Development, DataBase Management, API):** A winning project from a Hackathon, unites friends to motivate each other in fitness journeys. It fosters connectivity through online platforms and offers health insights via a LaMini LLM-powered chatbot. With FitConnect, your personal GYM-BRO is always by your side for support and guidance. Tech: ReactJS, Auth0, TypeScript, Langchain.

## 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 safeguarding 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.
- AWS Fundamentals:** Learn the fundamentals of AWS through comprehensive trainin. 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 Ureckathon** Kolkata, India  
*Lead development team, organized hackathon with over 100 participants, organised workshops.* Feb 2024 - 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