

# Aman Bhatnagar

Sambhal, Uttar Pradesh

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## Projects

**Sonic Stream** | HTML, CSS, java, Responsive Web Design, android application, MySQL **March 2023**

- Developed a multimedia streaming app and website for 5,000+ users, improving retention by 50%.
- Applied responsive design principles, boosting mobile engagement by 20% and cutting load times by 35%.
- Managed 10,000+ user accounts and 15,000 assets using MySQL, enhancing database efficiency.
- Led usability testing, increasing user satisfaction by 40% and improving communication in a team of 4.

**Freaky Fitness** | Java, Android Studio, SQL

**Aug 2023**

- Developed a comprehensive fitness application that tracks daily fitness goals and monitors heart rates for over 1,200 active users.
- Achieved a 45% increase in user engagement through personalized fitness plans and real-time tracking features.
- Integrated SQL database management to efficiently store and retrieve user data, handling over 5,000 fitness logs and health metrics.

**Hashed Password Cracker** | Python

**June 2024**

- The hashed password cracker tool will be designed to crack hashed passwords often used for secure storage and authentication. It will utilize various techniques such as brute force, dictionary attacks, and rainbow table lookups to attempt to reverse-engineer the original password from its hash value.
- The cracker will provide a user-friendly interface for inputting hashed passwords and will employ advanced algorithms and optimization techniques to increase efficiency and speed.

## Certificates

**RedHat System Administration II 9.0RH134**

**June 2024**

**RedHat System Administration I 9.0RH124**

**May 2024**

**Linux 100: Fundamentals** -TCM Security

**Sep 2024**

**INTRODUCTION TO CYBERSECURITY ESSENTIALS IBM-Coursera**

**Aug 2023**

## Global Certification

Achieved the eLearnSecurity Junior Penetration Tester (eJPT) certification in September 2024, demonstrating proficiency in penetration testing methodologies, network and web application security, information gathering, exploitation techniques, vulnerability assessment, and scored 85%.

## Technical Skills

**Tools:** Wireshark, SQLi, Burp Suite, Nmap, Hash cat, John the ripper, Nessus, theHarvester, Encryption, OS

**Languages** C++, Java, Python, Bash Script

**Skills/Frameworks:** Android studio, MySQL, Html, CSS, Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Cyber Security, Networking, Security, Pentest, Virtual lab, Cloud, Coding, Adobe Photoshop

## Education

**Lovely Professional University Punjab**

**2022 – 2025**

B.tech (Computer Science and Engineering )

Jalandhar, Punjab

Diploma (Computer Science and Engineering )

Jalandhar, Punjab

