SHREYA BANSAL

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SUMMARY

- Bachelor of Technology in Computer Science [Expected Graduation 2025] from Punjab Technical University.
- Aspire to excel in my field by leveraging my skills and knowledge. Motivated and skilled, with a zeal to work and contribute effectively.

EXPERIENCE

Council of Cyber Vigilance and Security Enforcement | PYTHON, DJANGO, BOOTSTRAP
INTERN
June 2023 – August 2023

- Completed intensive training focused on web development using Python and Django.
- Mastered Python fundamentals through coding exercises and a project.
- Built dynamic web applications, managed databases, and integrated front-end/back-end components.
- Developed a fully functional web application as a capstone project.
- Gained proficiency in Bootstrap for responsive UI design.

Accenture North America Data Analytics and Visualization Job Simulation on Forage
May 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modeled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

PROJECTS

- **CAROPEDIA** | Web Application
  2022 | HTML, CSS, PHP
  Description: A car information website where users can book test rides.
- **IRCTC**
  2022 | C++
  Description: Developed a terminal-based application for train booking and information retrieval, featuring real-time data and secure reservation management.
- **SANJIVANI** | Web Application
  2023 | HTML, CSS, PYTHON, DJANGO
  Description: A blood donation website where users can check their eligibility as donors.
- **THREAT HUNT** | Web Application
  2024 | EJS, Bootstrap, CSS, Node JS, Express JS, MongoDB
  Description: A cybersecurity website with real-time communication features.

- **SATYA VEDH** | Mobile Application
  2024 | Java, SQLite
  Description: An anonymous application for complaints, suggestions, and feedback.

SKILLS
PROGRAMMING: Java • Python + Django • C • C++ • PHP • JavaScript • MERN • HTML+CSS +Bootstrap

TOOLS: Android • SQLite • Power BI • Burp suite • Kali Linux

SOFT: Critical Thinking • Emotional Intelligence • Communication • Delivering Constructive Criticism • Teamwork • Problem Solving • Adaptability

HARD: Microsoft PowerPoint • Microsoft Excel • Data Visualization

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EDUCATION:
BTECH IN COMPUTER SCIENCE | PCTE College of Engineering and Technology

2021-2025 | Ludhiana
- Major GPA: 9.5 / 9.22
- Rank 1 in college out of 70 students
- Involved In Fest Committee

COURSEWORK
- Operating Systems (A+)
- Artificial Intelligence (O)
- DSA (A+)
- Object-Oriented (A)
- Computer Networks + Network Security + Cryptography (A+)

RESEARCH
DECODING THE FUTURE: WHEN QUANTUM ENCRYPTION GOES DARK | HEAD UNDERGRADUATE RESEARCHER

2024 | 12th International Multidisciplinary Conference

CERTIFICATIONS & AWARDS
ChatGPT Masterclass: Navigating AI and Prompt Engineering

Udemy| 2024
- Mastered ChatGPT 3.5, GPT-4, and DALL-E 2.
- Developed 200+ AI prompts.
- Enhanced content, coding, and visual design with AI.

Cyber Security & Ethical Hacking Summer Training

PCTE Group of Institutes| 2024
- Mastered cyber ethics and ethical hacking.
- Gained Linux fundamentals and Python programming skills.
- Analyzed networking, cyber crimes, and vulnerabilities.
- Utilized tools like Burp suite and Nmap for scanning.

2022| **ISTE Best Student Award**