

PANKAJ KUMAR GUPTA

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EDUCATION

Master of Computer Applications (MCA) , MIT-WPU	Aug 2024 – July 2026
Relevant Coursework: Data Structures Algorithms, Operating Systems, Computer Networking, OOPS.	
CGPA: 7.95 / 10.00	
Bachelor of Computer Applications (BCA) , Patna University	Sep 2021 – May 2024
CGPA: 9.29 / 10.00	

SKILLS

Programming Languages	Java, Python, C++, JavaScript, C, SQL
Tools & Technologies	VS Code, Eclipse IDE, MySQL Workbench, Linux, GitHub
Core Concepts	Data Structures & Algorithms, OOPS, Web Development, Cybersecurity

PROJECTS

CypherStack <i>Group Project</i>	Dec 2024
<ul style="list-style-type: none">Engineered a desktop file security application using Java and JavaFX, implementing a robust AES-256 encryption algorithm to secure local files, resulting in a 100% data protection rate against unauthorized access tests.Developed a real-time Intrusion Detection System (IDS) that monitors file access patterns, successfully detecting and logging 98% of simulated malicious activities.Integrated a MySQL database for secure metadata storage and user credential management, optimizing queries to ensure file encryption and decryption operations completed in under 500ms.	
Job Portal <i>Group Project</i>	April 2025
<ul style="list-style-type: none">Developed and deployed a dynamic job portal using Java Servlets and JDBC, creating a platform that supports over 50 concurrent users for job searching and application processes.Implemented core features including secure user authentication, role-based access control for employers and job seekers, and a full-text search functionality that decreased average job search time by 40%.Designed and managed the MySQL database schema to handle job postings and candidate applications, ensuring data integrity and enabling efficient tracking for over 1,000 application records.	

AWARDS AND ACHIEVEMENT

- Received an Appreciation Prize at the **Hack MIT-WPU'25 Ideathon** for conceptualizing **SecuScan**, an innovative AI-powered security scanner designed for proactive threat prevention.
- Google Cybersecurity Professional Certificate, issued by Coursera.
- AWS Cloud Technical Essentials, issued by Coursera.