MANI PATHAK

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Aspiring software developer and MCA candidate with strong skills in Java, C/C++, Data Structures, OS, DBMS and Web Development. Experienced in building scalable AI-driven applications. Seeking a challenging role to contribute to innovative product development in a tech-focused environment.

EDUCATION

JULY 2026 (PURSUING)

MASTER OF COMPUTER APPLICATION, SHARDA UNIVERSITY| DELHI-NCR

GPA: 9.2/10

Relevant Coursework: Advanced Algorithms, Software Engineering, Database Management, Data structures, Object-Oriented Programming, Web Development, Data science

JULY 2024

BACHELOR OF SCIENCE, CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY

GPA: 8.11/10

Relevant Coursework: Fundamentals of mechanics, Thermodynamics Calculus, linear algebra, Differential Equations, and Statistics and Modern physics.

SKILLS

- **Programming Languages:** Java, Python, C,C++
- **Web Development:** HTML, CSS, JavaScript, Bootstrap
- **Software Tools:** Eclipse, Visual Studio, Git
- **Soft skills:** Problem-Solving & Critical Thinking, Team Collaboration, Adaptability & Learning Agility, Time Management, Active listener, Communication Skills.
- **Database Management Systems:** MySQL
- **Operating Systems:** Windows, Linux
- **Other skill:** Data Structures, Algorithms, Cloud Computing, Proficiency in Microsoft Office Suite

CERTIFICATES

MARCH 2025 |SIMPLI LEARN |SKILLUP

CERTIFICATION OF DATA STRUCTURES AND ALGORITHM

NOVEMBER 2024 | GREAT LEARNING ACADEMY

CERTIFICATION OF C PROGRAMMING LANGUAGE

APRIL 2024 | HP LIFE
CERTIFICATION OF AI BASICS

JUNE 2022 | CSJM UNIVERSITY KANPUR
CERTIFICATION OF JAVA PROGRAMMING LANGUAGE

DECEMBER 2022 | CSJM UNIVERSITY KANPUR
CERTIFICATION OF PYTHON PROGRAMMING LANGUAGE

PROJECTS

🎒 Caesar Cipher-Based File & Message Encryption Tool

Technologies: C, File Handling, Command-Line Interface, Custom Encryption Logic

- Developed a terminal-based encryption/decryption tool for text and files with dynamic key support.
- Ensured case sensitivity, file handling, and modular, reusable code with clear user prompts.

▷ Virtual AI Assistant

Technologies: Python, Flask, React.js, HTML, CSS, JavaScript, RESTful APIs, Speech Recognition

- Built an AI assistant with voice recognition and intelligent responses using Python.
- Developed a responsive web interface with React, integrating RESTful APIs for real-time interaction.
- Added speech-to-text, user auth, and modular design for scalability across devices.

📣 DOMINO'S CLONE WEBSITE

Technologies: HTML, CSS, JavaScript, Python, Database

- Developed a fully functional pizza ordering platform inspired by Domino's, featuring dynamic menu display, cart management, and order tracking.
- Integrated backend with a custom database for order storage and retrieval, ensuring a smooth, real-world-like ordering experience.

🎯 ACTIVITIES & INTERESTS

- Passionate about **web development** and design, constantly learning and building creative projects.
- Avid reader of books and **manga**, with **anime** and **music** as sources of inspiration.
- Balance technical growth with creative hobbies to stay motivated and well-rounded.