KRISHNA MALHOTRA BCA

PROFESSIONAL SUMMARY

- Enthusiastic BCA student skilled in Python, web development and Arduino, adept at innovative tech projects and teamwork.

SOFT SKILLS

- Communication: Verbal, Written, Presentation skills
- Teamwork: Collaboration, Team leadership
- Project Management: Time management, Organizational skills, Multitasking
- Adaptability: Flexibility, Willingness to learn

PROGRAMMING SKILLS

- Fluent Programming Languages: Python
- Web Technologies: HTML, CSS, JavaScript
- Hardware: Arduino
- Software Development: Billing Systems, Home Automation Systems
- Databases: MySQL, SQLite
- Operating Systems: Windows

EDUCATION

- Schooling From
  - Salwan Public School, Rajinder Nagar, New Delhi Graduated in 2022
- College In
  - Bachelor of Computer Applications (BCA) Maharaja Surajmal Institute, IP University, Janakpuri, New Delhi Graduating in 2022 - 2025

COURSEWORK

- Data Structures and Algorithms
- Database Management Systems
- Object-Oriented Programming
- Web Development
- Computer Networks
- Software Engineering

LANGUAGES

- English: Fluent
  Hindi: Native

CONTACT ME

- +91 8851172073
- km232820@gmail.com
- 22/117 West Patel Nagar, Patel Nagar, New Delhi, Delhi, INDIA

PROJECTS

- Home Automation System
  - Developed a comprehensive home automation system integrating hardware and voice assistance using Python.
  - Utilized Arduino for hardware control, enabling automated lighting, temperature regulation, and security features.
  - Implemented voice control functionality to enhance user experience.
- Billing Software System
  - Designed and implemented a billing software system with inventory management capabilities.
  - Employed Python for backend development and ensured seamless data handling and transaction processing.
  - Developed user-friendly interfaces for efficient interaction. Using python
- Movie Streaming Website
  - Created a frontend for a movie streaming website using HTML, CSS, and JavaScript.
  - Developed features for searching movies by name, genre, and cast.
  - Implemented functionality to view movie descriptions and details.
  - Focused on delivering a responsive and user-friendly interface for enhanced user experience
- Automatic Attendance System
  - Currently working on an automatic attendance system leveraging students' phone Wi-Fi for real-time attendance tracking.
  - Integrating Python for data processing and analysis to ensure accurate attendance records.

CERTIFICATIONS

- Certificate of Appreciation - Maharaja Surajmal Institute (for outstanding dedication and commitment as a Student Editorial Board Committee Member, Creation 2023)
- Certificate of Participation - CETPA (for participating in Data Analytics Workshop, 2024)
- Certificate of Participation - Maharaja Surajmal Institute (for Communifiesta: The Art Of Communication, 2023)
- Certificate of Appreciation - Maharaja Surajmal Institute (for successfully organizing the workshop "PERSONARISE: UNLOCKING YOUR FULL POTENTIAL", 2023)

EXTRACURRICULAR ACTIVITIES

- Part of the organizing team of "CODE4CAUSE" 30 hrs hybrid HACKATHON
- Coordinator for Maharaja Surajmal Institute (MSI) cultural fest "ENVA2024"