

KRISHNA MALHOTRA

22/117 West Patel Nagar, New Delhi, INDIA • 885-117-2073 • km232820@gmail.com

STUDENT

PROFESSIONAL SUMMARY

Enthusiastic and highly skilled BCA student with extensive experience in Python programming and hardware integration using Arduino. Passionate about leveraging technology to solve real-world problems. Proven ability to develop innovative projects in home automation, billing software, and attendance systems. Adept at working collaboratively in team environments as well as independently.

SKILLS

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 Development: HTML, CSS, JavaScript
- Hardware: Arduino
- Software Development: Billing Systems, Home Automation Systems
- Databases: MySQL, SQLite
- Operating Systems: Windows

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.
- 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

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)

EDUCATION

Schooling From

Graduated in 2022

- Salwan Public School, Rajinder Nagar, New Delhi

College In

Graduating in 2022 - 2025

- Maharaja Surajmal Institute, IP University, Janakpuri, New Delhi
- Bachelor of Computer Applications (BCA)

ADDITIONAL INFORMATION

- **COURSEWORK:** Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming, Web Development, Computer Networks, Software Engineering
- **Languages:** English (Fluent), Hindi (Native)
- **Extracurricular Activities:** Part of the organizing team of "CODE4CAUSE" 30 hrs hybrid HACKATHON Coordinator for Maharaja Surajmal Institute (MSI) cultural fest "ENVA2024"

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 DelhiGraduated in 2022
- College In
 - Bachelor of Computer Applications (BCA) Maharaja Surajmal Institute, IP University, Janakpuri, New DelhiGraduating 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 INFORMATION

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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 Using python.
 - 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.

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EXTRACURRICULAR ACTIVITIES

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