

Mandeep Singh

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Education

Bharati Vidyapeeth Institute of Management and Research, Delhi

Bachelors in Computer Applications

2024 - 2027

8.5/10 CGPA

Professional Summary

First-year BCA student at Bharati Vidyapeeth, Delhi, with a strong passion for programming and problem-solving. Currently enhancing skills in Java and Data Structures & Algorithms to build a solid foundation in software development.

Projects

Raahi

Python

Raahi is your intelligent travel companion, designed to guide every journey with precision and ease. Our smart routing system identifies the fastest, safest, and most efficient paths tailored to your needs. Whether you're exploring new cities or commuting daily, Raahi helps you travel smarter. Stay informed with real-time updates and optimised routes at every step.

Aetheiron

Python

Aetherion is an advanced AI-powered space assistant designed for astronaut monitoring, emergency detection, and automated task execution. The system provides real-time health monitoring, unconsciousness detection, voice interaction, and emergency medical guidance.

Technical Skills

Languages: Python, Java, C

Frontend: React, TailwindCSS, HTML, CSS

Databases: SQL

Developer Tools: VS Code, GitHub

Competitions/Achievements

HackQuanta – JIMS College

We recently participated in a 36-hour hackathon at JIMS College, pushing our limits as a team. Working with Duality AI, we developed an innovative solution under intense time and pressure. The experience helped us explore new technologies and sharpen our problem-solving skills. Collaborating with mentors and peers gave us fresh insights and direction. Overall, the hackathon was a powerful learning journey that strengthened both our skills and teamwork.

BUILT-IT 2.0 2025 –Microsoft, Gurgaon

We attended an 8-hour hackathon at Microsoft Gurgaon, working hands-on with Duality AI. The high-energy atmosphere pushed us to innovate and build fast. Every hour challenged us to think smarter and collaborate better as a team. We learned new AI techniques and applied them directly to our project. The event was short, intense, and incredibly rewarding.