

Nandhagopan Babu

Student



Contact



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Education

Secondary School

The Indian High School,
Dubai

2013-2024

Undergraduate

MANIT

Present

Computer Science & Engineering



Skills

- C++
- Python
- Data Structures & Algorithms (DSA)
- Object-Oriented Programming (OOP)
- Artificial Intelligence Fundamentals
- Machine Learning Basics
- Problem Solving
- Git & GitHub
- MySQL
- API Integration
- Flask
- Canva & Technical Documentation



Language

- English (Fluent)
- Malayalam (Native)
- Hindi (Conversational)



About Me

Third-year Computer Science & Engineering student at MANIT Bhopal with strong foundations in C++, Python, Data Structures & Algorithms, and problem-solving. Passionate about Artificial Intelligence, software development, and building technology-driven solutions. Experienced in collaborating on technical projects, learning new technologies quickly, and applying analytical thinking to real-world challenges. Eager to contribute to innovative communities and fellowship programs focused on technology and impact.



Experience

Leadership & Event Management

- Served as a Student Council member at The Indian High School, Dubai.
- Assisted in planning and executing large-scale school events and cultural programs.
- Coordinated with diverse teams to ensure smooth event operations.
- Developed communication, leadership, teamwork, and organizational skills.

PROJECT EXPERIENCE

AI Music Recommender System

- Developed a Python-based music recommendation system using Spotify API and Last.fm API.
- Implemented mood-based recommendations and playlist generation.
- Integrated MySQL database for storing user history and preferences.
- Utilized API integration, data management, and user-centric design principles.

Student Management System

- Developed a menu-driven application using C/C++.
- Implemented file handling, sorting, searching, and data management functionalities.
- Applied concepts of structures, functions, and efficient data organization.

Achievements & Interests

- Actively practicing Data Structures and Algorithms.
- Exploring Artificial Intelligence and Machine Learning technologies.
- Strong interest in software engineering and problem-solving.
- Regular participant in coding and technical learning activities.
- Passionate about technology, innovation, and community building.