

Ankit Malviya

B.Tech. – Computer Science & Engineering – Internet of Things

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<https://github.com/ankitajnotiya>

Area of Interest

Object Oriented Programming Concept, Database Management System Concept.

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2021-2025	B. Tech (CSE-IOT)	Sagar Group of Institution Science Technology & Research, Ratibad Campus, Bhopal – MP	7.41
2020-2021	Class XII	Shastri Smarti Vidhya Mandir High Secondary School Ashta – MP	55.4%
2018-2019	Class X	Shastri Smarti Vidhya Mandir High Secondary School Ashta – MP	59.6%

Projects

E-Learning Platform:

- **Description:** An E-learning platform is an online environment designed to deliver educational content and foster learning through various digital tools and resources. The platform typically serves a range of users, including students, teachers, and administrators, allowing for interaction, collaboration, and progress tracking in an accessible and user-friendly way.
- **Technology:** HTML/CSS, JavaScript, SQL.
- **Role:** Front-End – Backend.

Netflix Clone :

- **Description:** Develop a web application mirroring Netflix's functionality, allowing users to browse, search, and stream movies and TV shows, manage profiles, and create watchlists. Ensures compatibility across various devices like smartphones, tablets, TVs, and desktops. The interface closely resembles Netflix, with sections for trending movies, shows, personalized recommendations, categories, and search functionality.
- **Link:** <https://ankitajnotiya.github.io/Netflix-clone-Updated/>.
- **Technology:** HTML/CSS, JavaScript.
- **Role:** Front-End – Backend.

Heart Defect Monitoring System:

- **Description:** A Heart Defect Monitoring System continuously monitors and analyzes heart function to detect abnormalities. It provides real-time data and alerts to healthcare professionals, enabling early diagnosis and intervention. Integration with medical devices to monitor and record vital signs such as heart rate, blood pressure, oxygen saturation levels, and electrocardiogram (ECG) data in real-time.
- **Technology:** MicroPython.
- **Role:** Hardware Integration.

Technical Skills and Certifications

- Programming languages : C, C++, Python.
- Web Technologies : HTML, CSS, JavaScript, Bootstrap.
- Other Tools & Technologies : Visual Studio.

Workshops | Certifications

- Attended 2 days workshop on Embedded System & IoT from Robonauts India, Bhopal.
- Attended 2 days workshop on Data Structure & Algorithms at MANIT Bhopal.
- Attended 2 days workshop on Data Analytics at SISTec Ratibad Bhopal.
- Completed an online certified course on Internet of Things from NPTEL.
- Completed an online certified course on Cloud Computing from NPTEL.

Co-Curricular Activities

- Participated in Utopia 2024 Web Craft Competition.
- Participant, SISTec Innovation Hackathon.

ADDITIONAL INFORMATION

- Hobbies:- Watching Movies, Travelling, Photography.