# AMAN DIXIT

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## EDUCATION

•**IES College Of Technology, Bhopal**                                          *2021-2025*
  *B-Tech (CSE)*                                                                  **CGPA: 7.3**

•**MIC School Deoria**                                                           *2019-2021*
  *Intermediate , UPMSP*                                                          **Percentage: 75**

## EXPERIENCE

•**DRDO**                                                                        *8th July-8th August*
  *Center for Advanced System (CAS)*                                             Hyderabad, Telangana

  – Worked as part of DRDO's cybersecurity section, utilizing tools like Wireshark and firewall technologies for network traffic analysis and strengthening security measures against potential threats.
  – Developed and implemented a Django-based solution to store and retrieve data in a database, integrated with Gmail for authentication and email notifications.
  – Collaborated with team members to tackle network security challenges, conducting vulnerability assessments and penetration testing to improve system efficiency and safeguard sensitive data.

## PERSONAL PROJECTS

•**Students Study Portal**                                                       *May 2024*
  *Django | Shell | Python | Bootstrap4 | HTML5 | Sqlite 3 | PostMan ||* **GitHub**

  – Developed a comprehensive online platform for students to access study materials, submit assignments. The portal includes features such as user authentication, youtube api, wikipedia etc.
  – The portal includes functionalities for creating, updating, and deleting notes, and Integrated rich text editor supporting Python, C and JavaScript. Sections for YouTube and DuckDuckGo search Scientific calculator Links to W3Schools and Wikipedia resources,Video call using Zegocloud and API integration.
  – youtubesearchpython || import wikipedia) || sqLite 3 database || Responsive Design || USER-FRIENDLY.

•**E-Books Store**                                                              *June 2024*
  *Mern Stack | Database | PostMan | $ Store E-Book and E-NoteBook $ ||* **GitHub**

  – Developed a fully functional E-Book Store using MERN stack.This project involved creating a dynamic and user-friendly platform where users can browse, search, and purchase e-books.
  – Responsive Design | User Authentication | Responsive UI | Log-in Panel | Bcrypt | Shopping Cart | Search.

•**Web - Developement**                                                         *February 2024*
  *HTML | CSS | JS | MySQL | API | Django || $ Frontend + Backend $ ||* **GitHub**

  – Developed **Email Reader** using HTML, Bootstrap, and Django.To fetch details from a database in Django | etc.
  – **Translate text** in 5 languages and also translated texts with integrated writing tools | API | Voice translator | etc.
  – A**Spotify Clone** offers music streaming functionality using HTML, CSS, and JavaScript for a responsive interface..
  – A well-crafted portfolio showcases skills, projects, and professional achievements.**Portfolio** | Django | Email send.

## TECHNICAL SKILLS AND INTERESTS

**Languages**: C, Python, JavaSE (Basic).
**Developer Tools**: VS Code, NetBeans, Jupyter Notebook.
**Frameworks**/**Databases**: Django, Bootstrap, MySQL.
**Technical**: DSA, CN, OOPS, SQL.
**Familiar**: HTML5, CSS3, JavaScript (Basic), Github.
**Areas of Interest**: Typing , Playing Chess.

## CERTIFICATIONS

•**Programming in Java ||**NPTEL || *Certificate*                                *Jan-Apr 2024*

•**Python Programming ||** Infosys SpringBoard || *Certificate*                  *June 5, 2024*

•**Problem Solving DS ||** HackerRank || *Certificate*                           *April 20, 2024*

•**Data Structure and Algorithm Using Java ||** Infosys || *Certificate*         *April 20, 2024*

•**Problem Solving Through C ||** NPTEL || *Certificate*                         *Jan-Apr 2023*

## ACHIEVEMENTS

•**NPTEL** I have achived Elite in Problem solving Through C Programming and Java.    *Jan-Apr(2023,2024)*

•**UPCATET** I have achived all U.P Rank is 540 and All Mathematics Rank 80.         *September 2021*