

# Darshan Tripathi

+917016935975  
✉ darshantripathi909@gmail.com  
📁 in/darshan-tripathi-b17426182/  
<https://darshan-at.github.io/Darshan-portfolio/>

## Education

- May 2023 **International Institute of Information Technology, Hyderabad(IIITH)**, *M.Tech CSE*.  
CGPA : 7.71/10
- May 2021 **Birla Vishvakarma Mahavidyalaya Engineering College**, *B.Tech in IT*.  
CGPA : 8.95/10
- May 2017 **P N Amersey High School**, *GSHSEB(XII)*.  
Percentage : 85.3%
- May 2015 **P N Amersey High School**, *GSEB(X)*.  
Percentage : 81.6%

## Projects

- Nov 2021 **Mini file Sharing System**, .
- Implemented a Group based File Sharing system which replicates Torrent but with limited features.
  - Peer can share, download files from the group they belong.
  - Multiple Pieces of same file can be downloaded from different users,using socket programming and multithreading.
- Nov 2021 **Mobile Usability Evaluation Suite**.
- Built Evaluation Suite using HTML,CSS,Bootstrap,MongoDB,which allows the Tester to record the user interaction tasks.
  - Allows the Tester to view recorded video and make Notes for corresponding recording.
  - Provides Summary of insights which helps in improving the UI.
- Oct 2022 **Wikipedia Search Engine**.
- Built a Wikipedia Search engine using Python on data Dump of size more than 70 GB.
  - Shows top 10 relevant search results within 3-5 seconds.
  - Supports Regular query as well as Field Query.
- Nov 2021 **Linux based File Explorer**.
- Implemented a Linux based File Explorer using system calls,which works in normal/command mode
  - Normal Mode:** Provided GUI to explore the current directory and navigate around it using arrow keys.
  - Command Mode:** Provided CLI where user can write command to open,move,copy,search files.

## Relevant Courses & Technical Skills

Programming Languages C, C++, PYTHON

Others SQL, HTML/CSS

Coursework OOPS, DSA FOR PROBLEM SOLVING,ADVANCE OS, SYSTEM NETWORK AND SECURITY, SOFTWARE SYSTEMS DEVELOPMENT

## Scholastic Achievements

March 2021 **Secured 98.31%ile, in GATE CSE 2021.**