



NITHISH P

2nd year

MSc Theoretical Computer Science

My Contact

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Hard Skill

- **Programming languages :**
C, C++, Python, R, SQL, HTML
- **Libraries :**
NumPy, SciPy, Matplotlib, PIL
- **Tools/Platforms :**
LinkedIn, Hackerrank, Linux OS
- **Database :**
Oracle, MySQL, MongoDB, PostgreSQL

Soft Skill

- Observation
- Team work
- Flexible
- Multi-tasking

Education Background

2021 - Present **MSc Theoretical Computer Science
(5 year integrated course)**
PSG College of Technology

2021 **Higher Secondary**
Maharishi Vidya Mandir

2019 **Secondary**
Maharishi Vidya Mandir

Project Experience

- **Music Player Application :**
4th semester DBMS project.
An user-friendly Music player App where you can choose music based on artist, movie, genre, language, etc, using Django.
language: HTML, CSS, Python, Javascript.
backend : PostgreSQL
- **MULTIMEDIA ADAPTIVE OS SUPPORT :**
4th semester Operating Systems project.
To provide more flexibility and adaptive features, we create additional command modules to support requirements of Multimedia applications like image, audio, video, etc in Linux OS.
- **Probability distributions with Shiny App**
3rd semester R programming project.
A Shiny Application to plot different probability distributions based on the given sample data.
- **Autocomplete using Trie :**
3rd semester Advanced data structures project
When the user enters a part of a word, the algorithm searches the Trie for all the words or phrases that match the prefix and suggests them to the user.
- **TO-DO Application :**
2nd semester Python project.
A TO-DO Application to help people to keep track of their tasks using FLASK
languages : HTML, CSS, Python, Javascript
backend : MongoDB

Club Membership

Coding Club PSGCT (2021 - Present)
CAP and Nature club PSGCT (2022-Present)

Achievements

- Secured First place in the Cipher event conducted by the Coding club
- Secured First place in the Alchemy - Scientia event conducted by Applied Science Association
- Competed a Nptel course on Machine Learning
- Completed a Master class on Python programming at Pantech e learning