

Sahithi Puchakayala

Bachelor of Technology
National Institute of Technology Durgapur

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🐙 GitHub Profile
🌐 LinkedIn Profile

EDUCATION

• Bachelor of Technology in Computer Science	2022-26
National Institute of Technology Durgapur	CGPA: 7.62
• Intermediate-Telangana Board	2020-22
Narayana Junior College Kollur	Percentage: 97.7
• School- Telangana Board	2011-20
Sri Vivekanada Vidyalayam	Percentage: 95

ACHIEVEMENTS

- Secured 11328 rank in JEE Advanced 2022.
- Secured 12811 rank in JEE Mains 2022.
- Secured 1100 State rank in Engineering and Medical Commerce Entrance Test of Telangana.

PERSONAL PROJECTS

•MUSIC PLAYER

A web page which allows you to listen to music files.

- Users can roll back songs as they wish.
- A song can be played and paused at any point of time.
- A song can be forwarded and users can seek any song that has been added.
- Tech Stacks: HTML, CSS, JavaScript.

•BREAST CANCER DETECTION

Demonstrated advanced AI/ML techniques in healthcare, resulting in a functional breast cancer detection system.

- Conducted extensive data preprocessing, including filtering, encoding, serialization, and entropy analysis for healthcare data preparation.
- Applied clustering algorithms and trained classification models to accurately distinguish between benign and malignant cases.
- Enhanced model performance through hyperparameter tuning and cross-validation, prioritizing precision, recall, and robustness
- Tech Stacks: Python, Data processing libraries, Machine learning.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, python.

Libraries : C++ STL

Web Development: HTML, CSS, JavaScript

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, SQL, Data Base Management System.

Data Science and Analytics: Machine Learning

Soft Skills: Problem Solving, Communication, Collaboration, Time management, Adaptability

POSITIONS OF RESPONSIBILITY

•Active Volunteer and Graphic Designer of NSS NIT Durgapur

- The National Service Scheme (NSS) is an Indian government sector public service program provides opportunities to take part in various government led communities services activities and programs.

•Class Representative of CS Department in College

EXTRACURRICULAR ACTIVITIES

- Playing badminton, Gardening, Crafting, etc.