

KRITIK AGARWAL

cs23mtech11009@iith.ac.in • linkedin.com/in/AgarwalKritik • AgarwalKritik.github.io

OBJECTIVE

Currently pursuing an M.Tech in Computer Science and Engineering at IIT Hyderabad while concurrently holding a position as a Teaching Assistant. Seeking opportunities to apply my knowledge and passion for technology to contribute meaningfully to challenging projects and advance my career in the field of computer science.

SKILLS

Technical Skills	C/C++, Python, Java(Basic), SQL(Basic), HTML(Basic)
Tools	Git, Github, Visual Studio Code, Jupyter Notebook, MySQL, XAMPP, VMware
Operating System	Windows, Linux/Unix (Ubuntu)
Soft Skills	Self-motivation, Flexibility, Positive attitude, Openness to personal growth
Languages Known	Hindi(Native), English(Working Proficiency)

EDUCATIONAL QUALIFICATION

Masters of Technology in Computer Science and Engineering July 2025
Indian Institute of Technology, Hyderabad
Pursuing

Bachelor of Technology in Computer Science and Engineering May 2023
School of Engineering and Technology, CMR University, Bengaluru
CGPA Obtained: 8.02, Equivalent Percentage: 72.70%

XII - All India Senior School Certificate Examination (CBSE) May 2019
Tinsukia English Academy, Tinsukia, Assam
Marks Obtained: 308/500, Equivalent Percentage: 61.60%

X - All India Secondary School Examination (CBSE) May 2017
Tinsukia English Academy, Tinsukia, Assam
CGPA Obtained: 8, Equivalent Percentage: 76.00%

THESIS PROJECT

Generation of Synthetic Data for Electronic Health Records (ongoing) Jan 2024 - present
Advisor: Dr. Sobhan Babu Chintapalli
Engaged in a research project aimed at generating synthetic data to enhance electronic health records (EHRs). Utilizing a variety of advanced machine learning models, including Variational Autoencoders (VAEs), Generative Adversarial Networks (GANs), GPTs, and Transformer-based models, to develop robust and realistic synthetic data. The research not only focuses on medical data from open-source datasets but also explores financial data analysis in collaboration with the National Payments Corporation of India (NPCI). This work aims to address critical issues in data privacy and availability, offering innovative solutions to improve healthcare data management and financial data utilization.

POSITIONS OF RESPONSIBILITIES

Teaching Assistant Aug 2023 - May 2025
Dept. of Computer Science and Engineering, IIT Hyderabad
IIT Hyderabad

PG Buddy Oct 2023 - Apr 2024
Sunshine - The Counselling Cell, IIT Hyderabad
IIT Hyderabad

AWARDS & CERTIFICATIONS

- Award of Excellence** Jan. 2020
Best Project in C Programming "Quiz Game" by CMR University, Bengaluru
- Certificate of Achievement** May. 2020
Score: 73%, Online Quiz on "Fundamentals of C Programming", Kamala Institute of Technology and Science, Telangana
- Certificate of Completion** Jul. 2022
Master In-Demand Professional Soft Skills by LinkedIn Learning
- Skills Certificate** 2020-2022
By HackerRank Skills Certification Test For Python(Basic), Java(Basic), Problem Solving(Basic), SQL(Basic), SQL (Intermediate)