

GUDAPATI NIKHIL

(+91) 9952711222 ◇ gudapatnikhil15@gmail.com ◇ linkedin.com/in/nikhil-gudapati/ ◇ github.com/nikhil150704

EDUCATION

Vellore Institute of Technology - Vellore (Current)

Sep 2022 - May 2026

B.Tech in Computer Science Engineering

CGPA: 8.33/10.0 (Up to III Semester)

Coursework: Data Structures and Algorithms, Structured and OOP concepts, Calculus, Differential Equations and Transforms, Complex Variables, Linear Algebra, Discrete Mathematics, Graph Theory.
Ongoing: Design Analysis and Algorithms, Theory of Computation, Computer Architecture and Organization, Web Programming, Probability and Statistics.

PROJECTS

Predicting ATM cash flow trends using machine learning

Under the guidance of Assoc. Prof. Dr. Keerthika P

- Working on a machine learning project that focuses on ATM cash flow. Experimenting the dataset to predict transactional trends with various time series algorithms like Auto-Regressive Integrated Moving Average (ARIMA), Exponential Smoothing etc.

StudyEasy - Natural Language Processing

Dec 2023 - Jan 2024

ACM Chapter

- Contributed to the fine-tuning of the Text-to-Text Transfer Transformer (T5) model, enhancing its capabilities for generating question-answer pairs
- Collaborated on addressing the versatile applications of the QAG model, such as flashcards, content creation, and educational tools.

SKILLS

Programming Languages

C/C++, Python, Java, HTML, SQL

Software & Frameworks

Keil uVision-5

Independent Courses

Machine Learning by Andrew Ng, Public Speaking (NPTEL)

POSITIONS OF RESPONSIBILITY

Entrepreneurship Cell Club (E-cell - VIT)

Jan 2023 - Present

Executive of Research & Development and Finance Department

- Worked on various case studies like Nike and discussion held on topics like Indian Interim Budget, 2023 and various marketing strategies of companies.
- Ideated for events like Vision Quest at Gravitas, VIT Vellore and Futurepreneurs 9.0 conducted by E-Cell at VIT Vellore in 2024.

Association for Computing Machinery Chapter (ACM-VIT)

Jan 2023 - Present

Core Member of Competitive Coding and Research Department

- Participated in various discussions related to technology and explored research fields.
- Worked on a Machine Learning project under its aegis as mentioned above.

ACHIEVEMENTS

- Secured a Silver Medal in the International Maths Olympiad conducted by the Science Olympiad Foundation in 2018.

CO-CURRICULAR ACTIVITIES

- Participated in Iranian Geometric Olympiad in 2019.
- Runner-up of School Level Carrom Competition in 2019.
- Secured 2nd and 3rd position in School Level Drawing Competition.