B MITHILESH

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[Github](#)   [LinkedIn](#)   [Leetcode](#)

Education

Vellore Institute of Technology, Andhra Pradesh (2022-2026)	**CGPA-8.1**
• Bachelor of Technology- Computer Engineering	
Sri Chaitanya Techno School, Chennai (2021-2022)	**82.2%**
• CBSE Class XII Aggregate:	
Lalaji Memorial Omega International School, Chennai (2019-2020)	**82.5%**
• CBSE Class X Aggregate:	

Skills

- **Programming Language**: Python, flask, Django, Java, Cpp
- **App Development:** UI/UX designing, Dart, Flutter, Firebase, SupabaseDB
- **Web Development:** : HTML, CSS, ReactJs, Javascript, MySQL, MongoDb
- **Designing:** Adobe Photoshop, CorelDraw, Figma
- **Others**: Ollama, Langchain, AutoCAD Fusion360, blender, Linux, Docker, Kubernetes, Proxmox, Home-Server deployment

Work Experience

VITOMIZE- Medical Startup | SDE Intern

- Medical electronics for Real-Time Monitoring of patient vitals through web-sockets with Self deployable DB for streamlining details of patients across the domain. Deploying servers working along with Flutter mobile app to be a portal connecting the ends of data stream.

OctaNet Services Pvt Ltm | Python Intern

- Developed a platform to improvise the system functionality for interns and freshers using Flask and responsive design practices. Learnt about how transactions work and how the information is being encrypted for secured transactions.

TEDX Speaker session | Core Team

- Designed and managed event posters, and filmed and edited high-quality TEDx talks, contributing to increased attendance and engagement..

ATAL Tinkering lab, Tamil Nadu | Student Innovator

- Led a diverse student community to learn and explore new technologies like 3D-modeling, 3D printing, Laser etching and Robotics.

Awards and Achievements

- GeeksForGeeks Finalist 2023
- **1st** Position at Hackathon organized by A-Hub in collaboration with TIE Vizag.
- **1st** Position at National Hackathon organized by VIT SENSE
- Selected in the TOP 100 for the Tata Imagination Challenge 2023.
- Outstanding performer regional level in Sparc 19".
- Voluntary services – Scouts movement "RAJAPURASKAR" Awardee

Tech Projects

- ### G.E.S.T.X: Smart mirror for Mental health

GESTX is an advanced smart mirror system utilizing Raspberry Pi and a Convolutional Neural Network (CNN) model to identify users' emotions. It aims to enhance public speaking skills by providing real-time feedback and adaptive guidance based on emotional recognition.

- ### N.O.V.O app: AI notes taking Flutter app

NOVO App is a Flutter-based application integrated with an AI algorithm designed to take voice notes and class notes, combining them to create comprehensive master notes for each session.

- ### MultiPDF Chat App

MultiPDF Chat App is a Python application using LangChain, Ollama, and Pinecone to enable natural language queries across multiple PDF documents. It provides accurate, context-relevant answers based on the content of the loaded PDFs.

Positions Held

- Executive Member at AIR, Centre of Excellence
- Executive Member at IIEC, VIT-AP