



ARSHIYA ANJUM

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 Telangana, India

 Aspiring Software Engineer | AI & ML Enthusiast | Web Automation & Freelancing

PROFESSIONAL SUMMARY

Motivated and fast-learning Computer Science Engineering (AI & ML) student with strong foundations in programming, data structures, and artificial intelligence. Hands-on experience in Python-based projects, web automation, IoT-AI integration concepts, and content creation. Actively preparing for GATE and exploring global career opportunities, especially in the Middle East. Passionate about building impactful, real-world solutions with a focus on sustainability and social good.

EDUCATION

B.Tech – Computer Science & Engineering (AI & ML)

JNTUH University College of Engineering, Manthani

Intermediate & Schooling

TMREIS (Telangana Minority Residential Educational Institutions Society)

TECHNICAL SKILLS

Programming Languages

- Python, C, Java

Web Technologies

- HTML, CSS, Basic JavaScript
- Frontend Development

Core CS Subjects

- Data Structures & Algorithms
- Operating Systems
- DBMS, SQL

AI / ML & Tools

- Machine Learning Fundamentals
- NLP Basics
- Computer Vision Concepts

- Tkinter (GUI)
- Automation & Web Scraping

Other Skills

- SEO Content Writing
 - Technical Documentation
 - Presentation & Communication
 - Typing & Productivity Tools
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PROJECTS

Recyc3D – AI & IoT Based Plastic Recycling System

- Designed a prototype workflow to convert plastic waste into 3D printing filament
- Integrated AI-based plastic type identification using computer vision concepts
- Proposed IoT sensors for real-time monitoring and control
- Presented as a prototype model in an innovation marathon

ReCircuit – Smart Electronics Repair Assistance App (Concept Project)

- Developed a detailed app concept to help users identify electronic damage
- Focused on accessibility for both technical and non-technical users
- Prepared comprehensive PPT and mock judge Q&A for hackathon presentation

Text-to-Speech & Speech-to-Text Converter

- Built a Python application with Tkinter GUI
- Implemented speech recognition and text-to-speech functionality
- Enhanced with basic NLP-based command recognition

Task Notifier & To-Do List Application

- Developed a Python-based task management system
 - Implemented reminders and notifications for productivity
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INTERESTS & EXPLORATION

- Freelancing (Frontend Development, Automation, Content Writing)
- AI + IoT Integration
- Cybersecurity & Vulnerability Analysis
- Market Prediction Systems

- Blogging & SEO Writing
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ACHIEVEMENTS & ACTIVITIES

- Participated in hackathon idea presentations
 - Applied for Microsoft Fabric Data Days and other tech programs
 - Actively preparing for **GATE** and **SSC CGL**
 - Assisting in educational guidance and content creation
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CAREER GOALS

- Short Term: Secure internships and freelance projects in software development
 - Mid Term: Crack GATE and build a strong AI/ML engineering profile
 - Long Term: Work as a Software Engineer internationally (Saudi Arabia / UAE) and contribute to sustainable and socially impactful tech initiatives
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PERSONAL STRENGTHS

- Fast Learner & Self-Driven
- Strong Problem-Solving Ability
- Good Communication & Presentation Skills
- Focused on Maintainable and Scalable Solutions