

MANIDEEP NERA

+91 9676738195 ◇ Hyderabad, TGS

✉ manideepnera@gmail.com ◇  manideepnera ◇  manideepnera ◇  manideepnera

OBJECTIVE

Motivated and detail-oriented Computer Science student with practical experience in AI systems, full-stack development, and scalable application design. Skilled in building AI-driven solutions using RAG architectures, NLP, and backend technologies. Seeking an entry-level AI Engineer role to apply strong problem-solving, programming, and analytical skills toward building intelligent and efficient software systems.

EDUCATION

B.Tech in Computer Science and Engineering (AI & ML) **April 2026**

ACE Engineering College, Ghatkesar, Hyderabad, Telangana 501301.

Intermediate in MPC **April 2022**

SR Junior College, Nizamabad, Telangana 503001.





SSC **April 2020**

T.S.R. School & Jr. College (Boys), E/M, Madnoor, Kamareddy 503309.

SKILLS

Programming Languages	Python, Java, JavaScript
AI/ML	Machine Learning, NLP, RAG Systems, Prompt Engineering, Scikit-learn
Frameworks & Technologies	FastAPI, React Native, Next.js, Node.js
Databases & Cloud	PostgreSQL, Firebase, Cloudflare Storage
Tools & Platforms	Git, GitHub, Docker, Jupyter Notebook, Figma

CERTIFICATIONS AND PUBLICATIONS

- **Certificate of Publication – AI-Powered Meme Generator for Company Advertisements**  2026
International Journal of Scientific Research in Engineering & Management (IJSREM)
- **Certificate of Publication – Ensuring Inclusivity and Fairness in AI-Generated Content**  2025
International Journal of Innovative Research in Technology (IJIRT)
- **AI-ML Virtual Internship**  2025
Google for Developers - India Edu Program, AICTE, EduSkills
- **AWS Generative AI Ideathon**  2024
Amazon Web Services (AWS)

PROJECTS

June AI – Modular Personal AI Assistant

Developing a modular AI assistant integrating RAG, long-term memory, voice interaction, internet access, and intelligent orchestration using scalable block-based architecture, Currently developing...

Corex – Core-Based Social Networking Platform.

Built a production-ready community-focused social platform with custom UI/UX, FastAPI backend, PostgreSQL, Firebase notifications, and React Native frontend. Currently serving 50+ users.

Ensuring Inclusivity and Fairness in AI-Generated Content.

Developed an NLP-based system to detect bias in AI-generated text using fairness evaluation metrics and visualization techniques.