

SHILPA NERALLA

Email Id: Shilpaneralla16@gmail.com

Mobile: +91 8374541744

GitHub: github.com/shilpan16

LinkedIn: linkedin.com/in/shilpa-neralla/

OBJECTIVE

To pursue a challenging career in a progressive organization that allows me to enhance my knowledge and utilize my skills for the growth of the organization.

ACADEMIC PROFILE

- **Bachelor of Technology from Sphoorthy Engineering College, 2021 – 2025**
 - **Specialization:** AI & ML
 - **CGPA:** 7.72
- **Intermediate from Sneha Junior College, Ramayampet, 2019 - 2021**
 - **Percentage:** 81.8%
- **SSC (Secondary School Certificate) from Manjeera Vidyalayam High School, Ramayampet, 2019**
 - **CGPA:** 8.8

KEY SKILLS

- **Soft Skills:**
 - Adaptability
- **Technical Skills:**
 - Programming Languages: Java, Python
 - Web Development: HTML, CSS, JavaScript, React, MongoDB
 - Database Management: MySQL
 - DevOps Tools: Jenkins, Docker, Git
 - Specialized Areas: Artificial Intelligence (AI), Machine Learning (ML)

PROJECTS

- **ThyroNet: a CNN based intelligent diagnostic tool for thyroid cancer detection (Major Project)**
 - Built a CNN model (**ResNet18**) to classify thyroid ultrasound images (benign/malignant) using the TNPPD-Net dataset.
 - Achieved high classification accuracy with **PyTorch** and **deep learning techniques**.
 - Integrated an **NLP-powered** chatbot using **Sentence Transformers** for query handling.
- **Cognitive Wellness and Personalized Medical Guidance Ecosystem (Mini Project)**
 - Developed an **AI-powered healthcare chatbot** that provides real-time health guidance and disease prediction.

- Implemented features such as **symptom analysis, nearby hospital search, and mental health support.**
- Built using **HTML, CSS, JavaScript (Frontend), Node.js (Backend), MongoDB (Database).**
- **Heart Disease Prediction**
 - Built a **Heart Disease Prediction Model** using **Machine Learning algorithms.**
 - Trained on medical datasets to analyse patient data and predict potential heart disease risks.
 - Utilized **Python, Pandas, Scikit-learn, and Matplotlib** for data analysis and visualization.

INTERNSHIPS

- **Full Stack Web Development with MERN Stack | Edunet Foundation**
March 2025 – April 2025
 - Built a responsive full-stack e-commerce website using React.js, Node.js, Express, and MongoDB, gaining hands-on experience with REST APIs, frontend integration, authentication, and Git & GitHub.
- **Swecha SOAI Internship | Swecha Telangana**
May 2024 – June 2024
 - Collected cultural data and recorded voice inputs for the Telugu AI Corpus, preserving folk tales, skills, and history.
 - Participated in AI projects and coding challenges to gain practical experience.
- **AI-ML Virtual Internship | AICTE- Eduskills Foundation**
September 2023 – November 2023
 - Engaged in in-depth learning sessions on AI-ML concepts and tools

CERTIFICATIONS

- Certified Machine Learning with Python, IBM - Jan 2024
- Career Essentials in Generative AI, Microsoft and LinkedIn - Jan 03, 2024
- Natural Language Processing, Great Learning - Apr 2024
- Java Tools, Infosys SpringBoard - Aug 2023
- Python, Kaggle - Jan 2023
- Data Structures & Algorithms, Skill academy Bootcamp - Aug 2023

EXTRA CURRICULAR ACTIVITIES

- **Volunteer|36-HOURS IDEATHON**
Event Coordinator, Ideathon League 2022 | Sphoorthy Engineering College, Nadergul
 - Coordinated and facilitated Ideathon League 2022, an event organized by Creators Club

PERSONAL INFORMATION

- **Residing Address:** Hyderabad, India 500001
- **Date of Birth:** 16th March 2004
- **Languages Known:** Telugu, English, Hindi