

# SHILPA NERALLA

Email: [shilpaneralla16@gmail.com](mailto:shilpaneralla16@gmail.com) | Mobile: +91 8374541744

GitHub: [github.com/shilpan16](https://github.com/shilpan16) | LinkedIn: [linkedin.com/in/shilpa-neralla/](https://linkedin.com/in/shilpa-neralla/)

---

## **OBJECTIVE**

To secure a Full Stack (MERN) internship where I can apply my skills in React, Node.js, MongoDB, and web development to build real-world applications. I aim to gain hands-on experience, learn from industry experts, and contribute to meaningful projects while enhancing my technical and problem-solving abilities.

## **ACADEMIC PROFILE**

- Bachelor of Technology (AI & ML), Sphoorthy Engineering College, 2021 - 2025 | CGPA: 7.72
- Intermediate, Sneha Junior College, 2019 - 2021 | Percentage: 81.8%
- SSC, Manjeera Vidyalayam High School, 2019 | CGPA: 8.8

## **KEY SKILLS**

- Programming Languages: Java, Python, C
- Data Analytics: Pandas, NumPy, Matplotlib, Scikit-learn
- Web Development: HTML, CSS, JavaScript, React, Node.js, Express
- Database Management: MySQL, MongoDB
- Tools: Git, Jenkins, Maven, Azure DevOps
- Core Areas: Data Structures & Algorithms, OOP, AI & ML
- Soft Skills: Problem-Solving, Adaptability, Teamwork

## **PROJECTS**

- ThyroNet: CNN-Based Diagnostic Tool for Thyroid Cancer Detection
  - Built a CNN model (ResNet18) to classify thyroid ultrasound images (benign / malignant).
  - Achieved high accuracy using PyTorch and deep learning.
  - Integrated NLP-powered chatbot using Sentence Transformers.
- Cognitive Wellness and Personalized Medical Guidance Ecosystem
  - Developed an AI-powered healthcare chatbot with symptom analysis, hospital search, and mental health support.
  - Tech stack: HTML, CSS, JavaScript (Frontend), Node.js (Backend), MongoDB (Database).
- Heart Disease Prediction
  - Built a prediction model using ML algorithms on patient data.
  - Tools: Python, Pandas, Scikit-learn, Matplotlib.

## **PROFESSIONAL TRAINING**

- **Java Full Stack Development | QSpiders, Dilsukhnagar (Ongoing)**
  - Hands-on training in **Core Java, JDBC, Servlets, JSP, Spring, Hibernate, HTML, CSS, JavaScript, and SQL.**

## **INTERNSHIPS**

- **Full Stack Web Development with MERN Stack | Edunet Foundation (March 2025 - April 2025)**
  - Built a responsive e-commerce website using React.js, Node.js, Express, and MongoDB with authentication and REST APIs.
- **Swecha SOAI Internship | Swecha Telangana (May 2024 - June 2024)**
  - Collected cultural data and voice inputs for Telugu AI Corpus; contributed to AI projects.
- **AI-ML Virtual Internship | AICTE-Eduskills Foundation (Sept 2023 - Nov 2023)**
  - Learned AI-ML concepts and tools through hands-on projects.

## **CERTIFICATIONS**

- Machine Learning with Python, IBM - Jan 2024
- Career Essentials in Generative AI, Microsoft & LinkedIn - Jan 2024
- Natural Language Processing, Great Learning - Apr 2024
- Data Structures & Algorithms, Skill Academy Bootcamp - Aug 2023
- Python, Kaggle - Jan 2023

## **EXTRA CURRICULAR ACTIVITIES**

- Volunteer & Coordinator, Ideathon League 2022, Sphoorthy Engineering College.

## **ADDITIONAL INFORMATION**

- **Languages:** Telugu, English, Hindi
- **Location:** Hyderabad, India (Open to relocation)