



P SHANMUKHAPRIYA SRAVANI

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AI/ML ENGINEER | CREATIVE NLP ENTHUSIAST | VISIONARY LEARNER

I'm a Computer Science graduate with a strong foundation in AI/ML, particularly in NLP, and a growing portfolio of real-world projects in education, healthcare, and sustainability. I approach problems with focus, deep commitment, and clear thinking, driven by a deep belief in building ethical and impactful solutions.

I blend technical precision with clear communication to craft intelligent systems that are both functional and meaningful. As a fast learner and purpose-driven engineer, I'm seeking roles where I can act with integrity, contribute effectively, and solve real-world challenges with insight and innovation.

PROFESSIONAL EXPERIENCE

AI/ML Project Intern - National Institute of Technology, Raipur

May 2024 – June 2024 (45 Days)

- **Project:** Developed "SmartLoanChain," a deep-learning-based credit score recommender system integrated with blockchain technology.
- **Objective:** Improve transparency and efficiency in lending operations, eliminating reliance on traditional credit rating agencies.
- **Key Responsibilities:**
 - Designed and implemented a Transformer model to analyze financial data and predict credit scores.
 - Evaluated the system's performance, achieving 86.4% accuracy in credit score predictions.
- **Technologies Used:** Deep Learning, Blockchain, Python, Transformer Model.

TECHNICAL SKILLS

- ✧ **Programming Languages:** Python, Java
- ✧ **Machine Learning Libraries/Frameworks:** TensorFlow, scikit-learn, Keras, NLP, LLM
- ✧ **Cloud Platforms:** Google Cloud
- ✧ **Version Control:** Git
- ✧ **Other Tools:** HTML, CSS, StreamLit, Canva, PowerPoint

ADDITIONAL SKILLS

- ✧ **Strong problem-solving and analytical abilities**
- ✧ **Excellent communication and teamwork skills**
- ✧ **Passionate about AI/ML and continuous learning in the field**
- ✧ **Root Cause Analysis**
- ✧ **Failure Analysis**

EDUCATION

Bachelor of Technology – Computer Science Engineering | Anurag University, Hyderabad, India

- ✧ 8.42 CGPA
- ✧ Year: 2021 - 2025

Senior School Certificate Examination – class 12 (Telangana State Board) | Narayana Junior College, Hyderabad, India

- ✧ 95.2%
- ✧ Year: 2019-2021

Secondary Education – Class 10 Central Board Secondary Education | Bhavan's Sri Rama Krishna Vidyalaya, Hyderabad, India

- ✧ 91.8%
- ✧ Year: 2019

ACADEMIC PROJECTS

Wildlife Identification & Tracking Platform

Jan 2024 – April 2024

- **Description:** This web platform facilitates wildlife species identification and encourages community conservation efforts.
- **Tech Stack:** Built with HTML, CSS, Java backend, and CNNs for image analysis.
- **Societal Impact:** Enhances awareness of wildlife conservation, promotes community engagement, and encourages proactive participation in preserving biodiversity, contributing to ecological sustainability.
- **Skills:** Web development, machine learning.

Automated Malaria Detection

Feb 2024 – April 2024

- **Description:** This project employs CNNs to identify malaria parasites in blood smear images for prompt diagnosis and treatment.
- **Tech Stack:** Utilizes Convolutional Neural Networks (CNNs) for image analysis.
- **Societal Impact:** Significantly improves healthcare outcomes by enabling timely and accurate malaria diagnosis, facilitating better treatment options, and reducing mortality rates in affected populations.
- **Skills:** Deep learning, healthcare technology.

AI-Based Career Counseling for Secondary Students

June 2024 – Oct 2024

- **Description:** Developed an AI-driven career counseling system that integrates gamified aptitude tests and ML-based career path predictions to guide secondary students.
- **Tech Stack:** Utilized **Random Forest** for career predictions, Google Translate API for multilingual support (Telugu, Hindi, English), and chatbot integration for personalized guidance.
- **Societal Impact:** Addresses scalability challenges in traditional counseling by providing **data-driven, accessible, and personalized career advice**. Improves career decision-making for students, especially in remote areas.
- **Skills:** Machine Learning, NLP, AI Chatbots, Web Development.

CERTIFICATIONS

COURSERA Project Network

- COVID-19 Data Analysis Using Python

INFOSYS SPRINGBOARD

- Python Programming
- Artificial Intelligence with Python – Intermediate Level
- Java Programming

GREAT LEARNING

- Basics of Machine Learning
- Introduction to Artificial Intelligence
- Deep learning
- Prediction Project Using Python
- Python for Machine Learning
- Data visualization
- Front-end development (HTML)

IHUB DivyaSampark by IIT Roorkee by Simplilearn

- Professional Certificate Program in Generative AI and Machine Learning

LANGUAGES KNOWN

- English - Professional
- Hindi - Professional
- Telugu - Native
- Korean - Beginner
- Mandarin - Beginner

ACHIEVEMENTS

- Achieved significant recognition for contributions to university hackathons
- Participated in the MSME 3.0 Women Innovators Challenge
- Participated in Tech Hack#3, focused on Machine Learning, creating a website that can predict future Air Quality Index and give suggestions to decrease pollution, which achieved 85% accuracy, gaining appreciation from judges

EXTRA CURRICULAR

- Completed Carnatic Music Vocal Diploma from Potti Sri Ramulu Telugu University, Hyderabad, and aiming for a Master's Degree in the same field
- Story-Writing
- Self-Learning Spoken Languages