







# THADIKONDA SURYATEJA

 surya-teja  Surya Teja  tejathadikonda@gmail.com  Portfolio  +91-9640741931

## EDUCATION

- **Sagi Ramakrishnam Raju Engineering College, Bhimavaram** West Godavari, Andhra Pradesh  
*B.Tech- AIML - CGPA: 8.55*  
*October 2021 - March 2025*
- **Divi seema polytechnic College** Avanigadda, Krishna Dist  
*Diploma - Percentage - 90%*  
*June 2019 - April 2021*
- **Zilla Parishad High School** Bapatla, Andhra Pradesh  
*Class 10 SSC - Percentage - 98%*  
*May 2019*

## EXPERIENCE

- **Black Bucks** May, 2024 – July, 2024  
*Streamlit-based chatbot application.*
  - **Secure API handling** with environment variables for API key storage
  - **User-friendly design** for seamless conversational AI experiences
  - Emphasis on **efficient and intuitive** interface
- **Henotic Solutions**  Nov, 2023 – Feb, 2024  
*Data science Intern : machine learning, Deep learning* *Remote*
  - Developed the **IIT NIT Admissions Prediction Model** at **Henotic Solutions** to streamline acceptance predictions for IITs and NITs, leveraging **historical data** and **predictive analytics**. The model minimizes guesswork in admissions by utilizing advanced calculations based on past student data, supporting aspiring students in making **data-driven application decisions**.

## TECHNICAL SKILLS

- **Languages:** Python, Machine Learning , Deep Learning , SQL(Basic)
- **Web Technologies:** HTML, CSS, Javascript, ReactJs.
- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems.
- **Utilities & Framework:** Git, GitHub.

## PROJECTS

- **AI-based Tool for Preliminary Diagnosis of Dermatological Manifestations (2023):**  
Directed a partially open-sourced AI tool capable of predicting skin conditions based on provided skin images. I contributed as a Backend Developer and utilized my experience in System Design to create an efficient application. The project employed technologies such as **Flask**, **HTML**, **CSS**, **JavaScript**, **MySQL**, and integrated **deep learning modules** and **Flutter** for cross-platform functionality.
- **Image Classification - Handwritten Digit Recognition (2023):**  
Improved a model to classify handwritten digits using the MNIST dataset. Leveraged **Convolutional Neural Networks (CNNs)** and performed image preprocessing to enhance model accuracy. Utilized deep learning frameworks such as **TensorFlow** and **PyTorch**, and implemented the project using **Streamlit** for a user-friendly interface, alongside various machine learning modules for efficient processing.
- **Elitetours.online - Website Developer (2024):**  
Introduced a responsive and user-friendly website for booking tickets to various destinations. The project utilized **HTML**, **CSS**, and **JavaScript** for front-end development, with version control managed through **GitHub**. The website can be accessed at *www.elitetours.online*.

## CERTIFICATES

- **Google Cloud Skills Boost Certificate by Google (09/2023 - 11/2023):** Focused on cloud technologies and data management.
- **Bharat Intern (10/2023 - 12/2023):** Skills in front-end and back-end technologies for responsive web applications.