

# KANDI SATYA VEERA

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## PROFILE

Dedicated IT graduate with strong foundation in software development and programming. Passionate about building efficient solutions and eager to contribute technical skills to real-world projects. Quick learner with a collaborative mindset, seeking opportunities to grow as a software engineer.

## EDUCATION

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| <b>Andhra University College of Engineering, Visakhapatnam</b><br>Post-graduate (PG) in Master's degree in Computer Applications (MCA), GPA: 8.0 | Visakhapatnam, India<br>Oct 2023 – Aug 2025  |
| <b>School of Distance Education Andhra University, Visakhapatnam</b><br>Graduate (UG) in Bachelor's Degree in Computer Science (BSc), GPA: 7.0   | Visakhapatnam, India<br>Aug 2019 – Dec 2022  |
| <b>Sri Chaitanya Junior College</b><br>Board of Intermediate Education, GPA: 6.0   | Andhra Pradesh, India<br>Jun 2017 – May 2019 |
| <b>Siv Sai High School</b><br>Board of Secondary Education, GPA: 8.3   | Andhra Pradesh, India<br>Apr 2016 – Mar 2017 |

## PROJECT

- Human Stress Detection in and through Sleep Using Machine Learning** | Python, Scikit-learn, Flask
- Conducted analysis on the SaYoPillow dataset to extract features such as snoring rate, body temperature, and sleep duration.
  - Implemented Decision Tree and Random Forest algorithms for stress classification, with Random Forest achieving 97.62% accuracy.
  - Integrated the ML model into a Flask-based web app, enabling real-time predictions and graphical visualization.

## TECHNICAL SKILLS

**Programming Languages:** Python, SQL  
**Web Development:** HTML/CSS and JavaScript  
**Frameworks/Libraries:** NumPy, Pandas, Scikit-learn, Flask, Matplotlib, Seaborn  
**Machine Learning:** Regression, Classification, Clustering, Exploratory Data Analysis (EDA)  
**Tools & Databases:** Google Colab, GitHub, Jupyter Notebook

## INTERNSHIPS

**Web Development Internship – CoderOne** Dec 2024 – Feb 2025  
Successfully completed a 2-month internship in web development, gaining hands-on experience in building and deploying web applications.

## CERTIFICATIONS

**Python (Core & Advance) Certificate** | Datapro Computers Pvt. Ltd.  
Completed a comprehensive course in Python programming, covering both core and advanced concepts.

**Microsoft Office Certificate** | NICT Computer Education  
Successfully completed a 3-month course in Microsoft Office.

**AICTE Workshop on AI, ML & DS** | All India Council for Technical Education (AICTE)  
Participated in a workshop on Artificial Intelligence (AI), Machine Learning (ML), and Data Science (DS).

## AWARDS & ACHIEVEMENTS

- Awarded 3rd place in the Chakimuki Science Test (Science Fair) at the school level, conducted by Jana Vignana Vedika (J.V.V.) on November 18, 2014.
- Achieved Assistant Teacher Training Certification from Patanjali Yog Samiti, demonstrating proficiency in both the practical and theoretical aspects of yoga and pranayama.
- Awarded first prize in my school's Kabaddi and Cricket tournaments, demonstrating a high level of skill and teamwork.