

PILAKA DEEKSHITA

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CAREER OBJECTIVE

Aspiring Data Scientist & AI/ML Engineer with strong expertise in Python, data analysis, machine learning and deep learning. Seeking a fresher role to apply data science, ETL workflows and statistical techniques in delivering intelligent and data-driven solutions.

TECHNICAL SKILLS

Programming & Frameworks: Python, Django (basic), Java, C++

Data Science & ML: EDA, ETL, Data Cleaning, Feature Engineering, Regression, Classification, CNN

Deep Learning Tools: TensorFlow, Keras

Databases: MySQL, PostgreSQL (basic)

Visualization Tools: Matplotlib, Seaborn, Tableau(basic)

Statistics: Descriptive Statistics, Probability, Hypothesis Testing

NLP (Basic): Tokenization, Stopword Removal, Vectorization

Tools & Practices: GitHub, Jira (basic), Agile Methodology

Soft Skills: Analytical thinking, Communication, Problem-solving

EDUCATION

B.Tech – Computer Science & Engineering (2025 Passout) AITAM (JNTUGV)|

Tekkali |CGPA: 8.93

INTERNSHIP EXPERIENCE

Data Science Intern – CodSoft

- Performed EDA, data cleaning, and feature engineering using Pandas and NumPy
- Built prediction models using Linear Regression and Decision Trees
- Implemented ETL processes on structured datasets
- Visualized insights using Matplotlib and Seaborn
- Executed SQL queries for analysis

AI & ML Intern – AICTE Eduskills

- Implemented supervised & unsupervised ML algorithms
- Worked on real-world datasets and model evaluation

PROJECT

IoT Framework for Mental Health Classification Using Deep Learning

- Designed CNN model for EEG data classification
- Optimized model performance using Firefly algorithm
- Implemented using Python and TensorFlow

CERTIFICATIONS

Data Mining – NPTEL (IIT Kharagpur)

Python Fundamentals – Cisco

Data Analysis using Python – APSSDC

UI/UX Design – Great Learning

ACTIVITIES

Codefiesta National Symposium | Volunteer – ASPIRE 2K23