



PECHETI SHIVA TEJA



Shiva Teja Pecheti 
[Shiva Teja P](#) 

+91 7993367371 
teja79933@gmail.com 
Tanuku, Andhra Pradesh 
05 March, 2003 

PROFILE

Enthusiastic CS-AI engineering student skilled in Java and Python, specializing in AI, data engineering, ML, and cognitive technologies. Committed learner with strong organizational and analytical abilities. Thrives in fast-paced environments as a collaborative team player. Eager to explore diverse computer science domains and contribute to innovative projects.

TECHNICAL SKILLS

- PYTHON
- SQL
- Java
- Data Structures
- Big Data

SOFT SKILLS

- Adaptability
- Team Player
- Leadership
- Time Management

PUBLICATIONS

Flood Detection and Water Estimation in Aerial Imagery using Deep Learning

SPRINGER PUBLICATION - SSIC 2023

Recursive Descent Parser for Abstract Syntax Tree Visualization of Mathematical Expressions

IEEE PUBLICATION - CSITSS 2023

Leveraging Cloud Computing for Drug Review Analysis

ELSEVIER Publication - ComSIA 2023

CERTIFICATIONS

- AWS Academy Graduate
- Reinforcement Learning Onramp

INTERESTS

- Data Analytics
- AI, ML, DL
- Web development
- Cloud Computing

Extra-Curricular Activities

- An active executive member of Squad club
- Contributed to community outreach programs

EDUCATION

BTech in Artificial Intelligence

Amrita Vishwa Vidyapeetham, Bengaluru
CGPA - 7.04/10
2020 - Present

Intermediate (Higher Secondary Education)

Tirumala Junior College, Katheru, A.P
CGPA- 9.69/10
2018 - 2020

SSC (Board of Secondary Education)

Tirumala Proactive (EM) H S, Katheru, A.P
CGPA - 9.8/10
2017 - 2018

ACADEMIC PROJECTS

Theater Management System (May 2022)

- Developed a movie booking website using HTML, CSS, and JavaScript.
- Implemented user authentication for secure access.
- Utilized jQuery library and Material Design Iconic Font for a polished and responsive interface.

Twitter Live Feed Analysis for Movies (July 2022)

- Developed platform for movie sentiment analysis using Twitter data, integrating Twitter API, MongoDB Atlas, and MongoDB Charts.
- Implemented structured workflow encompassing tweet collection, storage, NLP analysis, and visualization tools.

Flood Detection using Deep Learning (April 2023)

- Developed flood damage analysis system with deep learning and computer vision.
- Used MLP for image classification and U-Net for precise flood area identification.
- Achieved high accuracy and user-friendly results

Gold Price Forecasting (December 2023)

- Developed a comprehensive web app with Django for robust backend operations, HTML, and CSS.
- Integrated interactive plots and Google Maps for a richer user experience.
- Applied Linear Regression, and integrated APIs for real-time updates, empowering users with predictive insights in the gold market.