

# PRANEETHA SRIPADA

Aspiring Full Stack Developer

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[LeetCode](#) | [GitHub](#) | [LinkedIn](#)

## EDUCATION

### BVRIT Hyderabad College of Engineering for Women

Information Technology Bachelor of Technology

CGPA: 6.63

Hyderabad, Telangana

Sep 2021 - Aug 2025

### Sri Prakash Junior College

MPC Intermediate

Percentage: 94%

Tuni, Andhra Pradesh

Aug 2019 - Mar 2021

### Sri Chaitanya Techno School

Aug 2018 - Mar 2019

CGPA: 10

Vizag, Andhra Pradesh

## EXPERIENCE

### Innomatics Research Labs | DS with GenAI Intern

Hyderabad, Telangana | Nov 2025 - Present

Developing ML models in Python and TensorFlow for GenAI workflows, implementing data preprocessing and exploratory data analysis (EDA) with a focus on MLOps oriented deployment.

### Codegnan | Python Full Stack Trainee

Hyderabad, Telangana | Nov 2025 - Present

Training in full stack development across the modern web stack, including Python backend frameworks, frontend technologies (HTML, CSS, JavaScript), and React-based UI development.

## SKILLS

Programming Languages: Python

Libraries/Frameworks: HTML, CSS, JavaScript

Tools / Platforms: Google Colab, Git, GitHub, VS Code

Databases: SQL

## PROJECTS / OPEN-SOURCE

### Hangman Game

Python, Tkinter

Built a Python based Hangman application with optimized word-frequency algorithms from Kaggle datasets.

Collaborated with 7 member team implementing Agile design and testing protocols.

### Driver Drowsiness Detection System

Keras, Os, Tensorflow

Implemented a CNN based driver fatigue detection system for real-time eye pattern analysis.

Achieved 70% accuracy on MRL Eye Dataset through deep learning model training and validation.

### Arduino Fire-Fighting Robot

Flame Sensors, GSM Module

Constructed an IoT enabled autonomous fire fighting robot with flame sensors and GSM remote control.

Programmed automated water pump activation with real time alert notification system.

### AI-IOT Based Smart Stove for Enhanced Safety

Gas Sensors, Basic ML, OpenCV

Implemented an AI-IoT smart stove with gas leak detection and automated safety shutdown protocols.

Integrated real time sensor monitoring with instant alert notifications for enhanced safety.

## CERTIFICATIONS

- Certification on Cyber Security Fundamentals - IBM SkillsBuild