# UNDAPALLI PADMA JAYASRI

jayasriundapalli99@gmail.com| 9391653945 | www.linkedin.com/in/jayasri999

## EXPERIENCE

### IIDT BLACKBUCKS | AIMLDS Intern
May 2024 – JUNE 2024
- Engineered a high-accuracy heart disease detection model during the AIMLDS internship by optimizing data preprocessing, feature engineering, and predictive algorithms to support early diagnosis and informed medical decisions.
- Skills: Machine Learning, Data Preprocessing, Feature Engineering, Predictive Analytics, Model Optimization, Python

### CODESOFT | WEB DEVELOPMENT Intern
SEPT 2024 – OCT 2024
- Architected and deployed a scalable e-learning platform, boosting user engagement by 45percent through intuitive design and responsive interfaces.
- Skills :HTML,CSS,Javascript,PHP,Mysql

## PROJECTS

### MATCHMART | SMART INDIA HACKATHON 2K24
AUG 2024 – SEPT 2024 (https://github.com/Padmajayasri99
- ”Developed MatchMart, a smart product discovery platform connecting users with vendors through real-time notifications. Engineered an intuitive interface, optimized database management, and implemented seamless user-vendor interactions, showcasing expertise in full-stack web development.”
- Skills: HTML,CSS,Javascript,PHP,Flask,Node.js

### CROPMATE
Jan 2025 – FEB 2025 (https://github.com/Padmajayasri99)
- ”Conceptualized and developed a robust crop,fertilizer,quantity prediction system, integrating machine learning algorithms to deliver accurate insights.Streamlined data processing pipelines and implemented predictive models to enhance crop yield recommendations.”
- Skills: HTML,CSS,Javascript,Flask,PHP,MYSQL

### LEAFGUARD
Jan 2025 – FEB 2025 (https://github.com/Padmajayasri99)
- ”Engineered and optimized a CNN-based deep learning model for plant leaf disease detection, implementing transfer learning, fine-tuning hyperparameters, and executing data augmentation strategies to maximize classification accuracy and model efficiency”
- Skills:HTML,CSS,JS,Flask,Python,Tensorflow,Scikitlearn

## SKILLS

**Programming Languages :**C, C++, Python, Java
**Web Development :**HTML, CSS, JavaScript, React, PHP, Flask
**Databases :**MySQL
**Data Structures & Algorithms :**Proficient in DSA concepts and problem-solving
**Tools & Platforms :**GitHub, Tableau, AWS, DevOps, MS Office Suite
**Soft Skills :**Teamwork, Time Management, Adaptability

## CAREER OBJECTIVE

To develop and optimize high-performance web applications and machine learning models by leveraging data analytics, algorithmic innovation, and scalable architecture to solve real-world problems and deliver transformative solutions.

## EDUCATION

### B.TECH-CSE
SRKREC (BHIMAVARAM)
2022-2026 | Cum. GPA: 9.5 / 10.0

### INTERMEDIATE-MPC
SASI (VELIVENNU)
2020-2022 | Cum. Marks: 976 / 1000

### TENTH
ADITYA PUBLIC SCHOOL (PALAKOL)
2020 | Cum. Marks: 587 / 600

## CERTIFICATIONS

**Data Science for Engineers** – NPTEL (2024)
**Java Programming** – EDX Academy (2023)
**C++ Programming** – Cisco Networking Academy (2023)
**Python Programming** – Cisco Networking Academy (2023)
**AWS Fundamentals** – SRKREC (2024)
**Machine Learning** – SRKREC (2024)
**Google Cloud** – SRKREC (2023)
**SQL Certification** – IBM(2024)

## ACHIEVEMENTS

**Achieved a CGPA of 9.47** – Ranked in the top 5 of Campus

**Solved over 100 coding challenges on Leetcode** – Focused on Java

**Completed the Google Computing Skills Program**

**Organized many events at college** – Fostered student engagement

**Participated in many coding competitions** – Stood among the top 10

## LANGUAGES KNOWN

**Telugu** – Fluent

**English** – Proficient

**Hindi** – Conversational