

PADMAPRIYA CHENCHAMGARI

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CAREER OBJECTIVE

A passionate Computer Science enthusiast with expertise in Python, Artificial Intelligence, Machine Learning. Dedicated to utilizing technical skills to drive innovative solutions and seeking a challenging role in a dynamic, collaborative environment. Equipped with strong analytical and problem-solving abilities, eager to contribute to impactful projects and drive meaningful advancements.

Education

Visvodaya Engineering College	
Bachelor of Technology (Pursuing) - Computer Science Engineering	2021 - 2025
• Percentage - 84	
Sai Co-Operative Junior College	
Higher Secondary School Certificate	2019 - 2021
• Percentage - 93	
Zilla Parishad Girls High School	
Secondary School Certificate	2019
• Percentage - 92	

Skills

- Python
- DBMS
- Cybersecurity
- Artificial Intelligence
- Machine Learning


Industry Expertise

Leadership Skills & Team Player	Strategic Planner	Problem Solving
Adaptability	Decision Making	Communication Skills

Projects

Predicting Residential Electricity Consumption Using CNN-BiLSTM-SA Neural Networks
Built a forecasting model for residential electricity consumption by integrating CNN, BiLSTM, and Self-Attention (SA) techniques. Improved model performance by applying Maximal Information Coefficient (MIC) for feature selection on the UCI Electricity Consumption dataset.
Potato Leaf Disease Detection
A CNN-based deep learning model was developed for accurate potato leaf disease detection. Trained on a large image dataset, the model facilitates early diagnosis and improved crop management.

INTERNSHIPS

 Full Stack Java (6 Weeks) - ExcelR Edtech Private Limited Built and deployed scalable full-stack applications using Java and Spring Boot.	 Network Security Associate Virtual Internship (April - June 2024) - EduSkills Worked on penetration testing and security protocol designs to enhance network integrity.	 Python Programming and AIML Internship (30 days) - YBI Foundation Implemented predictive models and real-time data analysis tasks.
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Certification

Python Programming — Udemy

Digital Image Processing -12 weeks — NPTEL

Data Analytics with Python - 12 weeks — NPTEL

Hashgraph Developer Course — The Hashgraph Association

Data Structures and Algorithms using Java — Infosys Springboard

AIML for Geodata Analysis — ISRO-Indian Space Research Organization

Cybersecurity — Tech Mahindra Foundation through Skill India Digital Hub




Web Design & Web Development — NSDC through Skill India Digital Hub

Attended a webinar on career guidance program — Eazy BTech

Participation Certificate of Python Programming — Pantech e Learning

Career Development 2x:Communication and Teamwork — FullbridgeX through edX

Key Achievements

 Certificate of Merit for the III Year B.Tech in Computer Science Engineering (CSE) University Examination for the Academic Year 2023-2024.	 Aggregate Percentage of 84% during the Semesters	 Received multiple sports prizes and accolades for excellence in performance.
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EXTRA CURRICULAR

Goldman Sachs Operations Job Simulation on Forage - December 2024

- Completed a job simulation based on an Operations Analyst role at Goldman Sachs on Forage
- Analyzed financial data and identified issues in trade settlements and asset transfers for high net worth clients.
- Applied best practices in operational risk management and regulatory compliance, demonstrating a strong understanding of the role's requirements.

Accenture North America Data Analytics and Visualization Job Simulation on Forage - December 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.