

# Patnala Neeharika

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LinkedIn — GitHub — LeetCode — CodeChef

## OBJECTIVE

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A curious and self-motivated Computer Science student with a passion for Python, problem-solving, and NLP. I thrive on building real-world projects and am eager to grow into a capable AI/ML developer by contributing to meaningful, hands-on work.

## EDUCATION

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- **Vignan's Institute of Information Technology, Visakhapatnam** 2022 – Present  
B.Tech in CSE (Artificial Intelligence) Current CGPA: 8.7
- **Sri Vidya Vahini College, Palasa** 2020 – 2022  
Intermediate (MPC) Scored: 89%

## SKILLS

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- Python, C, C++, JavaScript, HTML, CSS
- Data Structures and Algorithms (DSA)
- NumPy, Pandas, Matplotlib
- Natural Language Processing (NLP)
- Machine Learning (Basics)
- Git, GitHub, VS Code
- Time Management
- Team Collaboration
- Fast Learning

## PROJECTS

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- **Jenie - Python Chatbot for Code Help** → [GitHub](#)  
Built a rule-based chatbot using Python, Flask, and JavaScript to assist users with programming queries using NLP-based intent classification.
- **Stock Price Prediction using ML** → [GitHub](#)  
Applied Linear Regression and MLP models to forecast stock trends using CSV data; visualized predictions with Matplotlib.
- **Budget Travel Planner** → [GitHub](#)  
Designed a planner recommending cost-effective destinations with offers and tourism blogs; included a sustainable tourism module.
- **Email Spam Shield (ML + NLP)** → [GitHub](#)  
Developed a spam detection system using Natural Language Processing and classification models to distinguish spam from genuine emails.

## INTERNSHIPS

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- **Python Developer Intern - Cognifyz Technologies** Aug 2024 – sept 2024  
Worked on mini Python projects and logical DSA problems in real-time scenarios. (Certificate) Remote
- **AI-ML Virtual Internship - AWS via Eduskills** Dec 2024 – Jan 2025  
Completed hands-on AI/ML tasks and cloud-based labs using AWS services. (Certificate) Remote

## CERTIFICATIONS

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- Python Essentials I & II - Cisco Networking Academy
- NoSQL Databases - edX
- Webblaze Workshop - JNTUGV
- DSA Training - Ava Intern
- Career Essentials in Generative AI - Microsoft / LinkedIn

## COMPETITIVE PROGRAMMING

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- CodeChef: Solved 450+ problems, participated in 100+ contests (Profile)
- LeetCode: Solved 400+ problems in Python (Profile)