

# Kanchuboyina Kusuma Latha

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## Career Objective

Aspiring software professional with a strong foundation in Python, Java, C, SQL, and Power BI. Eager to contribute to innovative projects, enhance user experience through intelligent solutions, and grow in a dynamic tech environment.

## Skills

**Programming Languages:** Java, Python, C, R | **Web Development and Data:** HTML, CSS, JavaScript, MySQL, PowerBI.

**Libraries and Frameworks:** TensorFlow, Keras, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib.

**Tools:** Git, Jupyter, Docker, MS Office, JIRA, Trello.

**Soft Skills:** Problem solving, communication, teamwork, time management, adaptability, project planning.

## Education

**Bachelor of Technology (B.Tech), (AI&ML)** 2022 — 2026

Vignan's Institute of Engineering for Women, Visakhapatnam

CGPA: 8.56/10.0

**Intermediate (MPC)** 2020 — 2022

Sri Chaitanya Junior College, Visakhapatnam

Percentage: 94.4 2020

**SSC**

Sri Sai Dolphin School, Visakhapatnam

Percentage:97.3

## Internships and Workshops

**AI/ML Intern, HMIES Pvt.Ltd,Remote** May2025-July 2025

Explored the complete ML pipeline from data preprocessing to model evaluation,ensuring reliability and performance.

**AI/ML Intern,ExcelR-Remote** June2024-July2024

Developed and deployed machine learning models using Python,Scikit-learn,TensorFlow,PyTorch,and Flask/FastAPI, applying techniques like predictive analysis,deep learning,and NLP on real-world datasets.

**Cybersecurity and EthicalHacking, Cyberthreya** June 2024

Trained in KaliLinux,Metasploit,Wireshark,Nmap,and BurpSuite.Gained hands-on skills in penetration testing,network security, vulnerability assessment,and encryption techniques for real-world applications.

**Power BI, Talentio** Oct2024

Learned to transform raw data in to dynamic dashboards and real-time analytics using PowerBI.Focused on turning complex datasets into actionabl ebusiness insights to support data-driven decision-making.

## Projects

**Pollulens:Forecasting Pollen-Based Air Quality using Neural Network and Ensemble Models** Team Project

Developed a real-time air quality predictor using pollen data with ensemble and deep learning models

Tools:Python, Ensemble Models, Scikit-learn, Keras, Pandas, Matplotlib

**AI-Powered Resume Builder** Hackathon

Built a resume builder using AIpromptengineeringwithATS-friendlytemplates

Tools: HTML, Python, NLP,Flask

**News Classification using Neural Networks** Independent Project

Multi-class classification using Keras and Tensor Flow on the Reuters dataset

Tools: Python, TensorFlow,Scikit-learn

## Additional Information:

**Languages:** English,Telugu,Hindi

**Certifications:**NPTEL: DBMS,Swayam: Programming in java,Infosys Springboard: HTML, CSS, JavaScript, HackerRank: SQL (Intermediate)