

Usha Kiran Paruchuri



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🌐 LinkedIn 🐙 GitHub 📁 Portfolio

📄 PROFILE

Passionate B.Tech student specializing in Computer Science Engineering (AI & ML) with a strong foundation in programming, algorithms, and problem-solving. Experienced in web and mobile app development, with proficiency in Python, Django, and Flutter. Former ACM Webmaster, skilled in managing technical operations, event organization, and website maintenance. Eager to explore emerging technologies and apply my expertise in real-world projects. Currently seeking opportunities to enhance my technical and problemsolving skills.

🧠 SKILLS

Languages — Python, Java, C, SQL

Core CS Knowledge — Data Structures & Algorithms, Computer Networks (basics), DBMS

Tools & Platforms — Git, GitHub, VS Code, Jupyter Notebook, Microsoft Word, Microsoft Excel

Web/Frameworks — HTML, CSS, JavaScript, React, Django, Flask, Streamlit, Flutter, Firebase

Soft Skills — Problem-Solving, Analytical Thinking, Communication, Team Collaboration

📄 CERTIFICATES

Cloud Computing - NPTEL (83%) ✓

DSA – NPTEL (65%) ✓

SQL – Udemy ✓ | **FLUTTER** - Udemy ✓

Data Analytics Job Simulation - Deloitte ✓

Java Programming Fundamentals – edX ✓

Java Programming Language – Infosys Springboard ✓

🔑 INTERESTS

- AI/ML Research | Dancing | Exploring Emerging Technologies | Listening to music

🎓 EDUCATION

Bachelor of Technology - Computer Science and Engineering (AI&ML)

Vasireddy Venkatadri Institute of Technology, CGPA: 8.8
2022 – 2026

Intermediate

Narayana Junior College; Score: 95.1%
2020 – 2022

Secondary School

Kennedy EM High School; GPA: 10.0
2019 – 2020

📁 PROJECTS

Personalised Health Advisor ✓

Streamlit App

- Built an AI-powered health advisory system using Python, Streamlit, and Scikit-learn for disease prediction and health risk assessments..
- Applied data-driven modeling and input validation to ensure reliable predictions.

Breast Cancer Diagnosis Predictor ✓

- Implemented a machine learning tool in Python with Scikit-learn and Pandas to assist in breast cancer diagnosis.
- Performed data preprocessing, model evaluation, and prediction validation for accuracy.

Community Insights Dashboard Tooling ✓

- Contributed to the development of an interactive dashboard using Wikimedias public Superset in stance to track metrics such as editor count, edits made, and platform usage.
- Helped visualize key data on editor engagement, content edits, and activity by tool/platform. Supported data-driven decisions by providing insights into monthly trends and user behavior.

Farmease ✓

Farming Equipment Rental App

- Developed a mobile app using Flutter and Firebase for booking and managing farming equipment, with authentication and payment features.

🧩 POSITION

Webmaster for ACM Women Chapter

2024 – 2025

- Managed and maintained the organization's website, ensuring seamless functionality and updated content.
- Handled event registration data and documentation using Microsoft Excel for efficient management.
- Collaborated with teams to coordinate tech events and improve digital workflows.

🧩 INTERNSHIP (VIRTUAL)

Web Full Stack Developer Virtual Internship

10/2024 – 12/2024

Ethical Hacking Virtual Internship

07/2024 – 09/2024

Data Analytics Process Automation Virtual Internship

01/2024 – 03/2024