

PUJITHA MAMIDISHETTY

Data Science - Web Development Enthusiast

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EDUCATION

Usha Mittal Institute of Technology, Mumbai

Nov 2023 – May 2027 (Expected)

Bachelor of Technology in Data Science

CGPA : 8.15 (till 5th semester)

- **Relevant Coursework:** Data Structures & Algorithms; Database Management Systems; Operating Systems; Computer Networks; Artificial Intelligence; Web Technologies;
- **Key Academic Highlights:** Top 10 in class; worked on data-driven research and sustainability projects.

EXPERIENCE

Research Project Intern [🔗](#)

Jan 2025

NSF Funded Initiative

Mumbai, Maharashtra

- Contributed to an NSF-funded international research project on micro-scale air pollution mapping using low-cost sensors. Collaborated with researchers from CUNY and SNDT Women's University to collect, process, and analyze environmental data. Strengthened skills in data analytics, collaboration, and research documentation under the mentorship of Prof. Neal Phillip.

Web Development Intern [🔗](#)

Dec 2024 – Jan 2025

Software Developer

Mumbai, Maharashtra

- Developed and deployed responsive web applications using HTML, CSS, and JavaScript, including a functional calculator and personal portfolio website. Improved UI/UX design, optimized page responsiveness, and gained hands-on experience in frontend development and project deployment.

PROJECTS

ScrapCycle - Online Recycling Reuse Platform

Dec 2023 – Feb 2024

- Developed an online recycling marketplace promoting sustainability and circular economy.
- Implemented secure transactions and review systems.
- Achieved faster load and improved UI responsiveness through optimized frontend and backend design.

AI Recipe Identifier— Machine Learning Project

Ongoing

- Building an AI-powered web application to identify dishes from food images using a trained CNN model.
- Integrated Python, Scikit-Learn, and Flask for end-to-end ML deployment.
- Currently expanding the dataset to support 50+ global cuisines.

ACHIEVEMENTS

Google Solution Challenge – Certificate of Participation

2025

Awarded by Google Developer Groups on Campus (powered by Hack2Skill)

- Participated in the GDG on Campus Solution Challenge, developing innovative tech-based solutions addressing real-world problems.
- Gained hands-on experience in collaboration, problem-solving, and applying technology for social impact.

TECHNICAL SKILLS

- Programming: Python, C++, SQL, JavaScript, HTML, CSS
- Libraries/Tools: Pandas, Numpy, Scikit-Learn, Matplotlib, Power BI, Excel, MySQL, Git
- Frameworks: Flask, Bootstrap
- Design: Canva, Photoshop, Figma
- Soft Skills: Communication, Collaboration, Adaptability

CERTIFICATIONS

- Python Essentials - 1 — Cisco
- SQL (Intermediate) — HackerRank
- Developer and Technology — Accenture Forage
- Solutions Architecture — AWS Forage
- Gen AI Powered Data Analytics — TATA Forage