

# PUJITHA MAMIDISHETTY

Data Science - Web Development Enthusiast

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## EDUCATION

### Usha Mittal Institute of Technology, Mumbai

Bachelor of Technology in Data Science

Nov 2023 – May 2027 (Expected)

CGPA : 8.15 (till 5th semester)

- **Relavent 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 ↗

NSF Funded Initiative

Jan 2025

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 ↗

Software Developer

Dec 2024 – Jan 2025

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 times 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