Mandala Lakshmi Tulasi

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Technical Skills

Languages: Python, JavaScript, R Programming
Web Technologies: HTML, CSS, JavaScript
Frameworks: React (Basic), Bootstrap CSS, Flask, Django
Libraries: Pandas, scikit-learn, Matplotlib
Databases: MySQL, SQLite
Tools: Git, GitHub, Figma, Jupyter Notebook

Projects

Civic Issue Reporting System – Public Grievance Web Application   **Github**

- Developed a web-based application for reporting civic issues such as potholes, waste accumulation, and drainage problems.
- Implemented image upload, anonymous reporting, auto-generated report IDs, and PDF download functionality.
- **Tech Stack:** React, TypeScript, Next.js, Prisma ORM, Neon (PostgreSQL), HTML, CSS, JavaScript

Movie Recommendation System   **Github**

- Built during the **Microsoft AI National Skilling Initiative (AINSI) – AICTE 4-Week Internship Program** (Apr 10 – May 15 2025), using PCA and K-Means clustering for content-based recommendations.
- Visualized genre-based clusters and generated personalized movie suggestions.
- **Tech Stack:** Python, Pandas, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook

Minute Master   **Github**

- Bytelyst — **Upskilling Internship (2024)**
- Rebuilt a productivity timer app using JavaScript with DOM manipulation and interactive UI elements.
- **Tech Stack:** HTML, CSS, JavaScript

BUDJET – Personal Financial Management System   **Live Demo**

- Developed a Flask-based web application to track, categorize, and visualize personal financial transactions.
- **Tech Stack:** Python (Flask), HTML, CSS, JavaScript, Chart.js, SQLite, Render

Education

Vishwa Vishwani Institute of Systems and Management   **6.3 GPA**
Bachelor of Science in Computer Science Engineering   *2022 – 2026*

Keshav Smarak Junior College   **90.2%**
Class XI-XII (TS Board)   *2020 – 2022*

Oxford Grammar School   **9.8 GPA**
Class X (TS Board)   *2019 - 2020*

Certifications

Naukri Campus Employability Test (Round 1, 2 Qualified) ⎘ ⎘   **Oct 2025**

- Cleared Round 1 and Round2 of the Naukri Employability Test assessing aptitude,Coding and DataScience Knowledge among national participants.

AINSI-Microsoft Learn with Edunet Internship on AI Foundations ⎘   **April 2025**

- Built a Movie Recommendation System as a part of Capstone Project.

AI Workshop and Hackathon: BITS Pilani, Hyderabad ⎘   **Feb 2025**

- Participated in a hands-on workshop and 24-hour hackathon focused on Sign Language Detector, AI model building using Teachable Machine

AWS Workshop: Deployed My First Website Food Munch - Nxtwave ⎘   **Nov 2024**

- Deployed responsive Food Munch website using AWS services for hosting and management