Urvi Mamidala

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Profile

Enthusiastic and dedicated B.Tech student specializing in Computer Science and Engineering (AI & Machine Learning) with programming and problem-solving abilities. Passionate about learning new technologies, building practical projects, and collaborating in team environments to grow technically and personally.

Education

Gayatri Vidya Parishad College of Engineering   *Visakhapatnam*   2022–2026
B.Tech in Computer Science (AI & ML)
CGPA: 8.7 (Till VI Semester)

Ascent Jr. College   *Visakhapatnam*   2020–2022
MPC
Percentage: 94%

Skills

Programming: Python, C++, C, Data Structures & Algorithms
Web Technologies: HTML, CSS, JavaScript
Frameworks & Tools: Flask, Git, Blender (Basic)
Database: SQL
Core Areas: Machine Learning, Generative AI, Natural Language Processing (NLP).

Internships

Techsonix Employability Program (Virtual)   *Apr 2025 – May 2025*
Remote

Developed a portfolio web application using HTML, CSS, and JavaScript; improved front-end skills and GitHub-based project presentation.
Portfolio: rvi0304.github.io/portfolio

Eduskills – Google Cloud Generative AI (Virtual)   *Apr 2025 – Jun 2025*
Remote

Explored generative AI concepts and applied prompt design and model fine-tuning for simple automation tasks.

Eduskills – Google AI/ML (Virtual)   *Jun 2024 – Jul 2024*
Remote

Built ML models using TensorFlow and Google Colab; worked on data preprocessing, feature extraction, and model evaluation.

Activities

1. **AI Campaign with Apps Program:** Participated in an AI and app development campaign (2023).
2. **AI Smart Glasses Prototype Development:** Contributed to a prototype for smart glasses to assist visually impaired users (2023).
3. **Eduskills Tech Camp:** Attended a 3-day AI & ML camp (5–7 Aug 2024).
4. **Smart India Hackathon (Travel and Tourism):** Team participant; worked on an AI-based travel solution.
5. **NSS Camp – Venkatapuram (Anandapuram):** Organized community service activities through NSS (2024).

PROJECTS

1. **ResumeIQ – Intelligent Resume Analyzer Web App:**
   Built a web app to analyze and compare multiple resumes (PDF/TXT) using OCR and NLP. Supports multi-resume upload, keyword-based matching, and highlights best-suited candidates.
   Tech Stack: Python, Flask, pdfplumber, pytesseract, NLTK, TfidfVectorizer, FuzzyWuzzy.
   github.com/rvi0304/project-ResumeIQ

2. **SafeSolo – Emergency SOS Website:**
   Developed a full-stack platform to assist solo women travelers in emergencies. Features an SOS button that sends alerts (SMS/calls) with live location using Twilio and Google Maps integrations.
   Tech Stack: Python (Flask), SQLite, HTML, CSS, JavaScript.
   github.com/rvi0304/SafeSolo-EmergencyApp

ACHIEVEMENTS

First Prize, Inter-Branch Throwball Competition   Dec 2023
Selected as **Creative Head**, NSS (National Service Scheme) – led creative campaigns and event coordination.
Secured **All India Rank 1832** in **NCAT (Naukri Career Aptitude Test)** (2025).

LANGUAGES

Telugu, English, Hindi.

HOBBIES

Listening to music
Playing handball
Cooking
Travelling