VANGAVEETI PRANITHA

Software Developer (Python) & AI Enthusiast

@ pranithavangaveeti@gmail.com 📞 +91-9390647358
in linkedin.com/in/pranitha-vangaveeti 🐙 github.com/pranitha0110

PROFILE

Engineering student and aspiring Software Developer (Python & AI Enthusiast) with strong skills in Python, C++, AI/ML, NLP, and Web Development. Experienced in building full-stack applications, **AI-driven solutions**, and IoT-based assistive devices. Proven track record in **hackathons and technical competitions**, consistently delivering **innovative, high-impact projects**. Strong communicator and team player with leadership experience as **college magazine coordinator**. Passionate about leveraging technology to solve **real-world problems** and eager to contribute to cutting-edge AI and software development projects.

EXPERIENCE

Software Engineer Intern (AI, Front End & Back End)

AgenticPrompt.tech

📅 Jul 2025 – Sep 2025   📍 Remote

- Developed an **AI-Integrated Learning Management System (LMS)** using **React (Frontend), Django (Backend)**, and AI integrations to deliver interactive and ethical AI education.
- Built and deployed **AI tools**, prompt-engineering utilities, and integrated content into a **Docusaurus-based educational platform**.
- Collaborated with cross-functional teams including developers, content creators, and educators to enhance platform usability and learner engagement.
- Implemented **testing, debugging, and deployment** processes to ensure stability and performance.
- Contributed to **open-source projects**, aligning development with ethical AI principles and accessibility goals.
- Supported **student training initiatives** in collaboration with the **Sathya Sai Organization**, ensuring real-world applicability of AI-powered learning tools.

PROJECTS

Madlibs Generator

Personal Project

- Generated 100+ grammatically correct stories using Python + NLTK.
- Automated story creation, reducing manual effort by 80%.
- Achieved >95% accuracy in grammar and word-type validation.
- Designed modular architecture for easy addition of new story templates and categories.
- Incorporated error-handling features to ensure smooth gameplay and prevent invalid user inputs.
- Enhanced user engagement by enabling instant, replayable story generation with multi-category word prompts.
- **GitHub:** madlibs-generator

SKILLS

Prompt Engineering | Python | C++
GIT | Django | Flask | HTML | CSS
JavaScript | MATLAB, Simulink
Natural Language Processing (NLTK)

ACHIEVEMENTS

🏆 **Google Girl Hackathon 2025**
- Selected participant; solved competitive coding challenges in a national-level women-in-tech event.

🏆 **Jijnasa National Level Technical Event**
- Participated in a national-level technical event showcasing innovative ideas and technical skills.

🏆 **Anveshana Hackathon**
- Presented an innovative project design and collaborated with peers on problem-solving.

🏆 **IBM SkillsBuild – Artificial Intelligence Fundamentals (Nov 2024)**
- Completed a professional certification covering AI concepts, applications, and fundamentals.

🏆 **IBM SkillsBuild & CSRBOX Micro-Internship on Placement Assistance (Dec 2023 – Jan 2024)**
- Completed a micro-internship focusing on placement assistance, career skills, and industry readiness.

🏆 **TCS iON NQT – IT (2025)**
- Cleared TCS National Qualifier Test.

🏆 **Magazine Coordinator – BRECW**
- Led content curation, design, and publication for the annual college magazine.

Expense Tracker Web Application

Personal Project

- Built a full-stack Flask application for expense management.
- Integrated data visualization with interactive charts, enabling users to track spending trends and identify budget optimization opportunities.
- Implemented CSV-based storage and monthly reports; planned Django migration.
- Designed responsive HTML/CSS + JavaScript frontend for improved user experience.
- Followed modular code practices to support feature expansion and third-party API integration.
- **GitHub:** expense-tracker

Smart Glove for Speech and Hearing Disabilities

Industrial Mini Project

- IoT wearable translating hand gestures to speech/text.
- Embedded C for gesture recognition, JavaScript Speech API for voice.
- Enabled low-cost, user-friendly assistive solution for improved accessibility.

Load Analysis of North Block, Bhoj Reddy Engineering College

Academic Project

- Electrical load analysis using MATLAB Simulink.
- Recommended improvements for phase balancing and safety.

EDUCATION

Bachelor of Technology (EEE)

Bhoj Reddy Engineering College For Women

📅 2022 – Present   📍 Hyderabad, TG

CGPA: 7.0

Senior Secondary Education

Vishwa Bharathi Junior College

📅 2018 – 2020   📍 Ranga Reddy

Secondary Education

Krishnaveni Talent School

📅 2018 – 2019   📍 Ranga Reddy

EXTRA-CURRICULAR

- Classical Dance Performer.
- Certified Yoga Trainer.
- Volunteer – Sri Sathya Sai Organization.
- Arts & Craft Club Executive.
- Inter-College Basketball Player.