

# PRAJWAL M

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## PROFILE

A dedicated AI/ML engineering student passionate about creating meaningful and scalable technology solutions. Skilled in Python, machine learning, cloud integration, and data visualization. Experienced in developing impactful projects such as AI-driven platforms, smart farming assistants, and disaster management systems that address real-world challenges. Focused on clean code, teamwork, and continuous learning, with proven leadership in event management and community outreach.

## EXPERIENCE

### IET-Logistics Head

February 2025 – present | Mysuru, India

Managed logistics and budgets for 10+ IET events with 500+ participants, securing venue contracts through competitive bidding that reduced expenses by 15% and ensured all events stayed within projected budgets.

### Youth For Seva, Volunteer

December 2023 – present | Mysuru, India

Educated 150+ school students through weekly sessions, organized 5+ quizzes to boost participation, and led donation drives distributing 500+ books and essentials, driving impactful community outreach.

## SKILLS

- **Programming & Development:** Python, Java, C, HTML & CSS, SQL, Git, GitHub.
- **AI & Machine Learning:** Supervised & Unsupervised Learning, Deep Learning, Neural Networks, Natural Language Processing (NLP), Model Evaluation & Optimization.
- **Data Science & Analytics:** Data Preprocessing, Feature Engineering, Data Visualization (Matplotlib, Seaborn, Tableau, Power BI, MS Excel, Streamlit), Libraries (Pandas, NumPy, Scikit-learn).
- **Cloud & Tools:** AWS(Basic), Google Cloud(Basic), TensorFlow, Jupyter Notebook, VS Code.
- **APIs & Integrations:** Google Maps API, Twilio API, OpenAI API, OpenWeather API, LLM APIs.
- **Soft Skills:** Problem Solving, Teamwork & Collaboration, Communication, Leadership, Adaptability, Time Management.

## AWARDS

### Community Impact Award, The Institution of Engineering and Technology (IET)

8th March 2025

Recognized for impactful contributions to social initiatives in collaboration with Youth for Seva (YFS).

### Best Volunteer Award, The Institution of Engineering and Technology (IET)

8th March 2025

Recognized at IET Summit for excellence in event execution, hospitality, and community impact.

## CERTIFICATES

- Building LLM Applications with Prompt Engineering, NVIDIA
- Python for Data Science, IBM
- AWS APAC - Solutions Architecture Job Simulation
- Getting Started with Artificial Intelligence, IBM
- Excel Skills Job Simulation, JPMorgan Chase & Co.
- Applied Machine Learning Phase-1 & Phase-2, IVIS Labs

## PROJECTS

### AI-Powered Prompt Review & Enhancement System

September 2025

Developed an AI-driven platform for prompt refinement with grammar correction, multi-model testing, and workflow management.

Implemented secure login, dashboards, and prompt tracking, achieving 30% clearer prompts and 25% faster AI responses.

**Tech Stack:** Python (Flask), HTML, CSS, JS, LLM APIs

### Raitha – AI-Powered Smart Farming Assistant

May 2025

Built an AI-powered assistant integrating machine learning models for crop disease prediction (95% accuracy), weather-based crop recommendations, and market-driven pricing insights, enhancing decision-making for farmers.

**Tech Stack:** Python, Flask, Twilio API, OpenWeather API.

### Real-Time Disaster Management System

June 2024

Developed a system delivering real-time alerts with vibration (under 5 sec latency), mapped 10+ nearby rescue centers and hospitals, and applied AI-driven hazard predictions with 90%+ accuracy, improving disaster response readiness by 50%.

**Tech Stack:** Python, Google Maps API, Twilio API, OpenWeather API, Streamlit.

## PUBLICATIONS

### Context-Aware Machine Learning Model for Large-Scale Text Classification

July 2025

Published at IEEE CONNECT 2025, presenting a scalable ML framework that improved text classification accuracy by 18%, enhanced processing efficiency by 30%, and demonstrated adaptability on datasets of over 10K+ records for real-world applications.