Mayuri Kurabalakota

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# Career Objective

Aspiring Full Stack Developer & AI /ML Enthusiast with experience in developing scalable web applications and AI-driven solutions. Passionate about designing impactful digital products by combining modern UI, efficient backend systems, and data-driven intelligence.

# Education

Aditya College of Engineering, Madanapalle (2022 - 2026)

B. Tech in CSE (AI) with 81%

# Technical Skills

• **Languages :** Python, C, SQL, Java (Basics)

• **Frontend :** HTML5, CSS3, JavaScript, React.js, Next.js, Tailwind CSS, Bootstrap

• **Backend :** Node.js, Express.js

• **Databases :** MySQL, MongoDB

• **Platforms :** GitHub, VS Code, Flask, Adobe Firefly, Google Colab.

# Internship Experience

**1. Full Stack Web Development Intern — Future Interns (Sep 2025 – Oct 2025)**

* Worked on end-to-end web development, gaining hands-on experience with frontend, backend, databases, and AI-assisted design tools.
* Learned to apply best practices in responsive design, SEO optimization, and scalable architectures for real-world applications.
* Collaborated on projects involving portfolio development, e-commerce, and brand website redesigns, strengthening skills in modern frameworks and deployment.

**2.** **AI & ML Intern — SmartBridge Educational Services (May 2025 – Jul 2025)**

* Built and evaluated machine learning models to solve supervised learning problems.
* Designed data preprocessing and feature engineering pipelines for improved accuracy.
* Deployed models into applications using Flask.

# Projects

**1. Personal Portfolio Website [**[**GitHub Link**](https://github.com/Mayuri-kub-26/)**] Sep 2025**

* Designed and developed an interactive portfolio website with resume section, contact form, and SEO optimization. Built with React.js, Node.js, and MySQL/MongoDB.

**2. Mini E-Commerce Platform [**[**GitHub Link**](https://github.com/Mayuri-kub-26/)**] Sep 2025**

* Built an e-commerce web app with product listings, filtering, shopping cart, and checkout simulation. Implemented Redux/useContext for state management. Developed using React.js, Tailwind CSS, Node.js, and MongoDB.

**3. Brand Website Redesign with AI Tools [**[**GitHub Link**](https://github.com/Mayuri-kub-26/)**] Oct 2025**

* Reimagined a favorite brand’s website using Next.js + Tailwind CSS. Integrated AI-generated design elements (logos, color schemes) with Adobe Firefly and Durable. Optimized for mobile-first and SEO.

**4. TrafficTelligence: Advanced Traffic Volume Estimation [**[**GitHub Link**](https://github.com/Mayuri-kub-26/TrafficTelligence-Advanced-Traffic-Volume-Estimation-with-Machine-Learning)**] Jun 2025**

* Developed a Flask-based ML web app to predict traffic volume using Random Forest on weather and time data.

**5. Facial Expression Detection [**[**GitHub Link**](https://github.com/Mayuri-kub-26/Facial_Emotion_Detection_using_AI)**] Dec 2024**

* Built an AI model to analyze emotions from facial images. Enhanced interactive systems with emotion-aware responses.

# Positions of Responsibility

• Technical Fest Coordinator, Project Expo Organizer, Workshop Volunteer.

• Anchored and hosted cultural events, demonstrating leadership, teamwork, and communication skills.

# Achievements

• Selected for **Smart India Hackathon** (SIH) 2024 at college level.

• Certified in TCS iON Career Edge - Young Professional Course.

• Presented Healthcare Innovation Idea at a National-Level competition (**MITS University**)

• Proposed an IoT-based traffic safety solution at **SV University**