Mayuri Kurabalakota

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CAREER OBJECTIVE

To take on challenging roles that allow me to grow, contribute, and advance in my career through meaningful achievements.

EDUCATION

Aditya College of Engineering, *Madanapalle*   *2022 - 2026*
B. Tech in CSE (AI)   80%

Sri Gnanambica Junior College, Madanapalle   *2020 - 2022*
MPC   83%

Vijaya Bharathi School, Madanapalle   *2020*
SSC   96%

SKILLS

Languages: Python, C, SQL, MySQL, Basic Java

Tools: Jupyter Notebook, VS Code, Google Colab, GitHub

Web Technologies: HTML5, CSS, JavaScript, React.js, Node.js.

INTERNSHIP

Machine Learning Intern - *PragyaShal*   ***May-Jul 2024***

- Worked on predicting **genetic disorders** using **machine learning**, building **preprocessing workflows** and training **models** to improve **accuracy**.
- Gained hands-on experience in **data analysis** and **model evaluation** in **healthcare**.
- Appreciated for strong technical work, problem-solving, and good teamwork during the project.

AI and ML Intern - *SmartBridge Educational Services*   ***May-Jul 2025***

- Developed **ML models** to solve real-world problems using supervised learning algorithms.
- Built end-to-end workflows including **data preprocessing**, **feature engineering**, and **model evaluation.**
- Gained practical experience with tools like **Python, Scikit-learn, Pandas,** and deployment using **Flask**.

PROJECTS

Heart Disease Prediction Using Machine Learning   ***Oct 2024***

- **Collected** and **cleaned** patient health data, including **vital signs** and **medical history**.
- **Engineered features** to enhance **model performance** and **prediction reliability**.
- **Trained** and **evaluated machine learning models** to predict **heart disease risk**.
- Integrated **real-time assessment** and **alert system** for early **medical intervention**.

Facial Expression Detection Using Python *[Mini-Project]*   ***Dec 2024***

- Developed an **AI model** to analyze **facial expressions** and map them to **emotional keywords** like happiness, sadness, or surprise.
- Classified **emotions** into **positive** and **negative categories** for **real-time feedback** in interactive applications.
- Focused on **accuracy** and **responsiveness** to improve user experience in **emotion-aware systems**.

TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning   *Jun 2025*

- Created a web app that predicts traffic volume using machine learning and real-time data.
- Used a Random Forest model trained on weather, time, and holiday data to estimate traffic.
- Built the app using Python, Flask, HTML, and CSS with a simple interface for easy predictions.

POSITIONS OF RESPONSIBILITY

- Handled roles like **Technical Fest Coordinator**, **Project Expo Organizer**, and **Workshop Volunteer**, ensuring smooth event execution.
- Took part in **Anchoring and Hosting** cultural and formal events, showcasing strong communication skills. Actively contributed to student initiatives and **campus activities.**

ACHIVEMENTS

- Selected at the **college level** for the **Smart India Hackathon (SIH) 2024**.
- Earned a certificate for successfully completing **TCS iON Career Edge – Young Professional** course.
- Presented a **Healthcare Innovation idea** at a National-Level competition at **MITS University**.
- Presented an Idea on IoT-based **traffic safety solution** to enhance road safety at **SV University**.

PERSONAL DETAILS

Full Name	**:** Mayuri K
Father Name	**:** K. Thimmarusu
Mother Name	**:** K. Ramanamma
Date of Birth	**:** 26/May/2004
Gender	**:** Female
Languages Known	**:** English, Telugu, Hindi
Contact Number	**:** 9346688154
Address	**:** 2-272-33, P&T colony, Madanapalle, Annamaya District, Andhra Pradesh.

DECLARATION

I hereby declare that the details provided above are accurate and correct to the best of my knowledge.

Place:

Date:

Signature:

(K. Mayuri)