

# Mallela Venkata Naga Sai Sri Koushik

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## Professional Summary

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Innovative Software Engineer with expertise in programming, problem-solving, and Full-Stack Development. Proficient in multiple languages such as Java, python, frontend technologies(Html, CSS,JS). Passionate about emerging technologies and cross-functional collaboration. **Seeking a Frontend Developer internship** to apply and enhance my skills in **HTML, CSS, JavaScript**, and **responsive web design**. Passionate about creating user-friendly, visually appealing interfaces and eager to contribute to real-world projects while growing as a developer.

## Technical Skills

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- **Programming Languages:** C++, Python, Java, C
- **Proficiencies:** Problem-Solving, Data Structures and Algorithms.
- **Front-End Tools:** HTML 5, CSS 3, JavaScript
- **Databases:** MongoDB, SQL
- **Back-End Tools:** Node.js, Express.js
- **Developer Tools:** Git, GitHub
- **Communication skills :** English ,Telugu,Hindi
- **Office tools:** Ms office (Excel-pivot tables)

## Education

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**Bachelor of Technology, Computer Science and Engineering** (2022 – present)

*Aditya College of Engineering and Technology (A), Surampalem, India*

**Intermediate (Class XII)** (2020-2022)

Sri Chaitanya Junior College, Bhimavaram (BIEAP)

Percentage: 84.2%

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## Projects

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### Weather Application

- Technologies: HTML, CSS, JavaScript
- Developed a responsive weather application integrating real-time data from third-party APIs, improving data accuracy by 20%.
- Reduced loading time by 30% through front-end optimization, enhancing user retention.
- Implemented a location-based search feature, increasing usability and satisfaction.

### Emotion Detection

- Developed a Python-based Emotion Detection System to identify human emotions such as happy, sad, angry, surprised, and neutral using facial expression analysis.
- Utilized OpenCV for face detection and preprocessing real-time images from webcam input.
- Built and trained a Convolutional Neural Network (CNN) using TensorFlow/Keras for emotion classification.

### Internship Experience

#### Python with AI/ML Internship Andhra Pradesh State Skill Development Corporation (APSSDC)

- Completed a certified internship in Python Programming with Artificial Intelligence and Machine Learning, conducted by APSSDC.
- Gained hands-on training in Python fundamentals and advanced libraries such as NumPy, Pandas, Matplotlib, OpenCV, TensorFlow, and Keras.
- Understood and implemented core machine learning concepts, including data preprocessing, model building, training, and evaluation.
- Designed and developed a real-time Emotion Detection System using a Convolutional Neural Network (CNN).

### Certifications

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- Java Basic from edx
- Python Essentials from IBM
- JavaScript Basic from HackerRank

### Academic Achievements & Activities

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- Participated in **hackathons and coding competitions**, showcasing problem-solving skills.
- I have actively served as a **Sports Coordinator** at my college, where I organized and managed various inter-departmental events and sports meets.