

# MOKSHAGNA DODDAPANENI

Tirupati, Andhra Pradesh, India

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## Objective

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A recent B.Tech graduate in AI & Data Science with proven expertise in GenAI, DSA, and Web Development, passionate about problem-solving and eager to apply technical skills in a dynamic work environment.

## Education

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<b>Bachelor of Technology (B.Tech.) from Annamacharya Institute of Technology &amp; Sciences, Tirupati</b>	2021 - 2025
<ul style="list-style-type: none"><li>Branch: Artificial Intelligence and Data Science   Aggregate: <b>80%</b></li></ul>	
<b>Sri Chaitanya Junior College</b>	2019 - 2021
<ul style="list-style-type: none"><li>Intermediate (MPC)   Aggregate: <b>81%</b></li></ul>	
<b>Sudhaha Little Citizen's High School</b>	2018 - 2019
<ul style="list-style-type: none"><li>Secondary School Education   Aggregate: <b>86%</b></li></ul>	

## Technical Skills

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Programming Languages – Python, Java

Web Technologies – HTML, CSS, JavaScript, Node.js, React.js

Frameworks – Flask

Database Systems – Oracle, MongoDB, MySQL

Version Control – Git

AI/ML – TensorFlow, Scikit-learn(sklearn), XGBoost, NLTK, LightBGM, Prophet

Tools – Microsoft Office

## Work Experience

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### Intern – Gen AI (January 2025 – May 2025, Pursuing)

**Tech Mahindra** | Hyderabad, India

- Developing Generative AI models for automation and AI-driven solutions.
- Optimizing AI workflows and data analytics pipelines.
- Collaborating on AI-based customer insights and automation techniques.

### Intern – Java Programming | April 2024 – May 2024

**BlackPearls Consult** | Nashik, Maharashtra, India

- Developed JavaFX applications with input validation and error handling.
- Built a Student Management System with CRUD operations and file storage.
- Created a two-player Tic-Tac-Toe game with win/draw detection and restart functionality.

### Intern – Flask Backend development | June 2023 – October 2023

**Federal Soft Systems** | Tirupati, Andhra Pradesh, India

- Developed a secure digital diary application using Flask and SQLite.
- Implemented user authentication and data encryption for privacy.
- Created interactive dashboards for user activity tracking.

## Projects

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### Portfolio Website

- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript.
- Showcases my projects, skills, resume, and contact information.
- Responsive and user-friendly design suitable for desktop and mobile devices.

## NLP-Based WhatsApp Behavior Analyzer

- Based on published research work, used NLP and machine learning models like XGBoost, LightGBM, and LSTM.
- Performed topic modeling and sentiment analysis using CountVectorizer and LDA.
- Utilized K-means clustering for behavioral grouping and trend analysis.

## Publications

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### Analyzing Human Behavior in WhatsApp Messages Using NLP

Journal of Emerging Technologies and Innovative Research (JETIR), 2025

Applied NLP techniques and machine learning models (XGBoost, LightGBM, LSTM) to classify sentiment and analyze behavioral patterns in WhatsApp chats. Employed CountVectorizer and LDA for topic modeling, and K-means clustering for group behavior analysis. Ensured ethical data handling through anonymization. The study offers insights relevant to mental health, marketing, and digital behavior analytics.

**Link:** <https://www.jetir.org/view?paper=JETIR2504561>

## Certificates

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- **Generative AI Internship Certificate - [Link](#)**  
Tech Mahindra, Hyderabad – Jan 2025 to May 2025
- **Java Programming Internship Certificate - [Link](#)**  
BlackPearls Consult, Nashik – Apr 2024 to May 2024
- **Flask Backend Development Internship Certificate - [Link](#)**  
Federal Soft Systems, Tirupati – Jun 2023 to Oct 2023

## Behavioral Skills

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- Detail Oriented
- Self-Awareness
- Adaptability in a team environment

## Hobbies

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- Fascinated by learning new things
- Playing chess
- Interested in studying mythology

## Declaration

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I hereby declare that the information furnished above is true to the best of my knowledge.

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