

# Tejaswini Guntakala

 Tejaswini Guntakala |  tejaswini.032929@gmail.com |  +91 8498061659

## WORK EXPERIENCE

### UI/UX Designer Intern

Agumentik Group of Companies, Hyderabad  
June 2023 - August 2023

- Designed mobile app and website interfaces using Figma, ensuring feasibility and ease of navigation in line with client requirements.
- Developed designs for various projects, including Hospital Management App, Real Estate Website, School Website, Yoga School Website, Gym Website, Clothing Website, Portfolio Website, E-commerce Website, EdTech Company Website, and Gaming Platform Website.
- Created high-fidelity designs using Figma, employing frames, plugins, components, wireframes, assets, auto layouts, grid layouts, and prototypes to enhance user engagement.

## PROJECTS

### HybNet-HD: A Multi-Stream Deep Learning Architecture for DDoS Detection in IoT Networks

- Developed HybNet-HD, a multi-stream architecture combining CNNs, relational learning, and Hellinger Distance-based attention for precise DDoS detection in IoT networks.
- Designed an efficient feature fusion strategy to capture spatial and relational patterns, improving detection of subtle and evolving attacks.

### A Stacked Ensemble Model Combining GANs, Transformers, and 1D CNNs for Enhanced Botnet Detection

- Developed a stacked ensemble model combining GANs for synthetic data generation, Transformers for feature extraction, and 1D CNNs for robust botnet detection, optimizing hyperparameters to improve accuracy and reduce false positives.

### Chatbot Assistant for Smart Agriculture

- Developed a chatbot using React, Flask, and Python with NLP to provide real-time insights on weather, crop pricing, loans, and pest management, supporting smarter agricultural decision-making.

## EDUCATION

2021 - present	SRM University AP	(GPA: 7.8/10.0)
2019 -2021	Class 12th BIEA Board	(GPA: 9.1/10.0)
2019	Class 10th SSC Board	(GPA: 9.3/10.0)

## SKILLS

Programming Languages:	C, CPP, Python , SQL
Tools & Platforms:	Figma, Power Bi, Excel
Areas of Interest:	DSA, Database Management System, Machine Learning, Product Management

## ACTIVITIES

- **Student Coordinator:** Coordinated events to enhance student engagement and foster a collaborative environment.
- **Event Management Team Member:** Managed and executed university events, ensuring smooth operations and effective teamwork.

## LANGUAGES

English	Hindi	Telugu
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