

# Aditya Reddy Maddi

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📍 Hyderabad, Telangana, India

🌐 Aditya Reddy Maddi



## Career Objective

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Dedicated and driven undergraduate with strong problem-solving abilities seeking a Systems Engineer position where I can apply my technical knowledge and communication skills to provide excellent service desk support. Eager to contribute to incident management processes while leveraging my experience in organizing events and leadership roles.

## Education

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2021/10 – present Hyderabad	<b>Anurag University</b> Bachelor's of Technology in Computer Science and Engineering, CGPA: 9.21
2019 – 2021 Hyderabad	<b>St. Patrick's Junior College</b> Intermediate, Percentage: 96.2%
2009 – 2019 Hyderabad	<b>The Secunderabad Public School</b> Percentage: 89.2%

## Skills

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### Programming Languages

Python, Java

### Web Technologies

HTML5, CSS3 and JavaScript

## Projects

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### Pain Recognition Using Physiological Signals

Developed and implemented a deep learning-based system for automated pain recognition using physiological signals, demonstrating:

- Application of multi-level deep learning (CNN + BiLSTM + BiGRU) for hierarchical feature extraction and classification
  - Integration of ensemble models (Stacking Classifier) to improve prediction accuracy and robustness
  - Objective assessment of patient pain levels, addressing challenges of subjectivity in traditional methods
  - Full-stack implementation with frontend-backend integration and user input interfaces for real-time predictions
- Technologies: Python, TensorFlow, CNN, BiLSTM, BiGRU, Stacking Classifier, Flask, SQLite3, BioVid & EmoPain datasets

### Poker Hand Detector [🔗](#)

*GITHUB LINK*

Developed and implemented a computer vision system that identifies playing cards, demonstrating:

- Systematic troubleshooting approach to resolve complex technical issues
- Documentation of technical processes and solutions for knowledge base use
- Application of logical problem-solving similar to incident management workflows
- Ability to identify patterns and recurring issues to improve system performance

Technologies: YOLO Object Detection, Python, Real-time video processing

## Simple Blogging Platform

*Text based Platform*

Writing and publishing articles is made easier with a straightforward blogging platform for text posts. It is perfect for users who wish to exchange written content without multimedia integration or extra classification tools because it concentrates on the most important text.

Technologies used: Servlets, JSP, XML

## Global Certifications

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2023/08 – 2023/09

Hyderabad, India

### Google Cloud Career Practitioners Pathway

This learning path contains on-demand courses that introduces us to the fundamentals of Google Cloud. This learning path guides you through a curated collection of on-demand courses, labs and skill badges that provide you with real-world, hands-on experience in Google Cloud.

## Certifications

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### Infosys

- Python Development: Getting Started with Programming in Python
- Python Data Structures and Algorithms
- JAVA SE8 Features
- SQL Essential Training,

## Extra Curricular Activities

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2022/08 – present

### KRIYA Event Management Club

*Secretary*

Managed event operations similar to service desk environment:

- Handled and prioritized multiple requests from different stakeholders
- Documented procedures and created checklists for efficient event management
- Implemented issue tracking system for event problems and resolutions
- Maintained communication channels between team members and stakeholders

2023/03

### Daksha Coordinator

Organizing lead for Daksha 2023 which is a national level tech fest, hosted for students all over India to showcase their technical skills.

2023/10 – 2024/04

### President - Blockchain Club

Led technical support initiatives within the club:

- Established help desk system for members with technical queries
- Created knowledge base of common blockchain development issues
- Managed and prioritized support requests from club members
- Identified recurring technical issues and implemented preventive measures