# SAHITHYA THATIPALLY

+91 9121503034 , Hyderabad, Telangana , India

tsahithya28@gmail.com ◇ linkedin.com/company/thatipally-sahithya/ ◇ github.com/sahithya-28

## SUMMARY

Computer Science student with hands-on experience in full-stack development and Python-based games. Certified in Java, Python, and web technologies; participated in hackathons.

## EDUCATION

**B.Tech in Computer Science Engineering(AIML)** Expected 2027
BV Raju College of Engineering of Women.

**Intermediate** SriChaitanya junior collage 2021 - 2023

**Secondary Schooling** Jyothi high school 2021

## SKILLS

| | |
|---|---|
| **Technical Skills** | SQL,HTML,CSS |
| **Coding Skills** | python,C,Java,Javascript |
| **Soft Skills** | debugged complex logic , collaborated on multi-person projects, attention to detail |

## PROJECTS

**Marble Game**

- Developed a Python-based GUI simulator with 3 libraries (Tkinter, Pygame, PIL), consisting of over 800 lines of code.
- Implemented a movement and collision algorithm that handles up to 50 marbles and multiple obstacle configurations.
- Integrated 5+ features including undo, restart, game instructions, and real-time end-game reporting.
- Used OOP principles to reduce code duplication by 30

**Online Banking System**

- Built a full-stack banking app for 3 core modules: account management, transactions, and authentication.
- Designed frontend (HTML/CSS/JS) with 10+ UI components and integrated backend using Spring Boot and MySQL.
- Achieved ¡1s response time for transaction APIs by optimizing database queries and backend logic.
- Implemented secure login and transaction flow tested with 15+ mock users and 100+ sample transactions.

## CERTIFICATIONS AND ACTIVITIES

- Completed **Object-Oriented Python Programming** course from HCL.
- Finished **Frontend Development Course** on Simplilearn (HTML, CSS, JavaScript).
- Earned **Java Programming Certificate** via Coursera.
- Competed in **IEEE Hackathon** at JNTUH among 200+ participants.
- Participated in **Flipkart Grid 6.0** (Software Development Track) among 5,000+ teams nationally.