# THALLAPALLI KRISHNA SAI TEJA

#### **SUMMARY**

Software engineering student with a strong foundation in programming, algorithms, and web development. Proficient in Python and Java, with experience in project development. Skilled in team collaboration, leading projects, and adapting to new technologies. Focused on designing scalable and efficient software solutions.

#### **EDUCATION**

**Institute Of Aeronautical Engineering** 

Sep 2023 - Sep 2027

Computer Science Engineering (Cybersecurity) | BTech

Hyderabad, India

CGPA: 8.88 (upto III-SEM)

Rajiv Gandhi University of Knowledge and Technology

Aug 2021 - Jul 2023

Major: MPC | Minor: IT | Pre-University Course

Kadapa, India

CGPA: 9.22

Kakatiya Group of Schools

May 2021

SSC CGPA: 10

Hyderabad, India

#### **SKILLS**

Languages: Python, Java

Frontend: HTML, CSS, JavaScript

Tools & Platforms: Git, GitHub, VS Code

Database Skills: MySQL

Security Skills: Penetration Testing, Ethical Hacking, Cybersecurity Soft Skills: Teamwork, Leadership, Critical Thinking, Communication

# **EXPERIENCE**

# Summer Research Intern

Apr 2025 - Jun 2025

Hyderabad, India

Institute of Aeronautical Engineering

- Conducted research on proactive cyber defense through ethical hacking.
- $\bullet$  Developed a penetration testing framework for vulnerability classification.
- Gained hands-on experience with security testing methodologies and tools.
- Worked under the supervision of Dr. R. Obulakonda Reddy.
- Enhanced technical knowledge in cybersecurity, ethical hacking, and vulnerability assessment.

#### **PROJECTS**

# Mutual Management System | Java 🗹

Jan 2025

- Developed a Java-based program following industry-standard software engineering practices.
- Implemented optimized data processing algorithms to enhance connection recommendations.
- Designed and deployed a user-friendly interface supporting real-time engagement tracking.

# Rock Paper Scissors Game | HTML, CSS, Javascript 🗷

Feb 2025

- Built an interactive Rock-Paper-Scissors game using HTML, CSS, and JavaScript.
- $\bullet$  Integrated real-time winner detection logic and score-tracking functionality.
- $\bullet$  Optimized the user experience by adding a seamless replay feature.

# **CERTIFICATIONS**

- Python: Reliance Foundation Skilling Academy.
- Data Structures and Algorithms in Java: Infosys Springboard
- Cyber Security and Applied Ethical Hacking: Infosys Springboard

# E-PORTFOLIO

• E-Portfolio: Showcases projects, skills, and career profile.

### ACHIEVEMENTS

- Earned a Gold badge in Python and Silver badge on Java in HackerRank.
- Successfully completed Java and Python certification skill tests in HackerRank.
- Participated in TCS Codevita Season 12.
- Competed in a Coding Contest at VNRVJIET during Convergence 2024.