

# GADAPA SAI GANESH

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## CARRER OBJECTIVE

Certified Ethical Hacker and Web Front-End Designer with a passion for securing digital assets and crafting user-friendly interfaces. Skilled in penetration testing, vulnerability assessment, and building responsive, secure web applications.

## EDUCATION

**GMR Institute of Technology**, Andhra Pradesh, India — B.Tech in CSE GPA: 7.0 | Aug 2022 – Apr 2026  
**Sri Rameswari Junior College**, Andhra Pradesh, India — MPC, 60.4% | Aug 2020 – Apr 2022  
**Keshava Reddy School**, Andhra Pradesh, India — SSC, 95.8% | Aug 2019 – Apr 2020

## TECHNICAL SKILLS

**Programming Languages:** Python, C, JavaScript, Bash  
**Front-End Development:** HTML5, CSS3, JavaScript, Bootstrap, Tailwind CSS, React  
**Cybersecurity Tools & Techniques:** Nmap, Wireshark, Burp Suite, Metasploit, OWASP ZAP, Multi-Factor Authentication, Linux Hardening  
**Core Subjects:** DBMS, Operating Systems, Computer Organization and Architecture, Computer Networks  
**Developer Tools:** IntelliJ, VS Code, Git & GitHub, Postman, Figma  
**Soft Skills:** Communication, Problem Solving, Leadership, Team Collaboration, Adaptability

## EXPERIENCE

### Internship: Community Service

June 2024 – July 2024

- Led weekly sessions for 50+ students at ZPHS High School, delivering hands-on instruction in Python programming, Microsoft Office, and core academic subjects.
- Taught Vedic Mathematics techniques, improving students' calculation speed and accuracy by 30% through interactive problem-solving activities.
- Executed a 4-week community service initiative as part of a summer internship, fostering digital literacy and academic confidence among rural youth.

## PROJECTS

### Driven Strategies for Reducing Cyberbullying on Social Media

- Developed and deployed AI models to analyze over 10,000 social media interactions, identifying and flagging harmful content with 90% accuracy using natural language processing (NLP) techniques.
- Implemented automated systems to reduce cyberbullying incidents by 25% across monitored platforms.

### Securing Digital Systems

- Pre-Login and Post-Login Security Landscape for User Protection Engineered a Python-based security framework incorporating image processing and multi-factor authentication to enhance system access control, reducing unauthorized login attempts by 30%.
- Improved overall user protection by designing layered security measures that detected and mitigated 95% of potential threats during pre- and post-login phases.

## CERTIFICATIONS

### Cyber Security – Skill India

- Gained foundational knowledge in cybersecurity principles, risk management, and security protocols, enhancing awareness of digital security practices.

### Web Design & Development – Skill India

- Acquired proficiency in designing and developing responsive websites using HTML, CSS, and JavaScript, focusing on user experience (UX) and web design principles.
- Gained hands-on experience with front-end frameworks and tools, enabling the creation of interactive and visually appealing web page.

## ACHIEVEMENTS

- Winner – Kho Kho, Annual Sports Meet 2025**, GMR Institute of Technology — Represented the college and led the team to victory.
- Top 10 Finalist – Hack 4 Humanity 2024**: Secured a finalist spot among 200+ participants in a coding contest by building an optimized algorithm-based solution under timed conditions.