

Guntuka Manikanta Reddy

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LinkedIn — GitHub

Education

- ICFAI Foundation for Higher Education (IFHE)** Hyderabad, India
Bachelor of Technology in Computer Science and Engineering — CGPA: 8.99 Aug 2022 – Aug 2026 (Expected)
- Nano Junior College** Hyderabad, India
Intermediate (MPC) — Percentage: 95.3% 2020 – 2022
- St. Peter's Model School** Hyderabad, India
SSC (10th Grade) — CGPA: 10 2019 – 2020

Experience

- CodeCrux Web Technologies Pvt Ltd** Hyderabad, India
Web Development Intern Jun 2024 – Jul 2024
 - Created multiple responsive web applications using React.js, Angular, and Bootstrap, improving performance by 25%.
 - Integrated RESTful APIs through Node.js and Express.js to enhance data synchronization between frontend and backend.
 - Streamlined cross-browser functionality, reducing UI inconsistencies by 30%, and collaborated effectively in Agile sprints.
 - Established standardized debugging pipelines using Postman and Thunder Client, minimizing bug resolution time by 25%.
- Xyenta Solutions Pvt Ltd** Hyderabad, India
Software Developing Intern Jan 2026 – Present
 - Contributed to the development and maintenance of scalable full-stack applications using modern JavaScript frameworks.
 - Assisted in designing backend services and integrating RESTful APIs for efficient data processing.
 - Participated in debugging, testing, and performance tuning to improve application stability.
 - Collaborated with development teams to deliver feature enhancements within defined timelines.

Projects

- SkillSwap – A Barter-Based Skill Exchange Platform**
Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT
 - Developed a full-stack MERN platform supporting 100+ skill exchanges, enabling efficient search, filtering, and collaboration.
 - Implemented JWT-based authentication and role-based authorization, enhancing data protection and preventing unauthorized access.
 - Crafted an adaptive Tailwind CSS UI that improved engagement and retention by 35%.
- Smart Hospital Management System**
Tech Stack: React.js, Node.js, MongoDB, Tailwind CSS, REST APIs
 - Designed a scalable hospital management platform featuring multilingual support and real-time emergency slot booking.
 - Automated administrative workflows and integrated chatbot support, reducing manual operations by 50%.
 - Structured REST APIs ensuring 99% data consistency and faster access across modules.
- StegaVault – Secure Steganography Tool**
Tech Stack: Python, Tkinter, OpenCV, NumPy
 - Engineered a desktop tool for secure data embedding within images using LSB steganography with 100% data integrity.
 - Enhanced data capacity by 15% through optimized pixel manipulation algorithms.
 - Refined the Tkinter interface, cutting encoding and decoding time by 50% for 20+ beta users.

Achievements

- AWS Academy Graduate** – Cloud Foundations
- POSTECH** – Introduction to Blockchain
- ICFAITech Scholarship** Aug 2022 – Present
 - Received INR 5,00,000 in tuition fee waivers for academic excellence across all semesters.
- Smart India Hackathon 2024** Sep 2024
 - Qualified for the national round as one of the top 25 shortlisted teams.
- CyberHelix Hackathon**
 - Won first place among 30 teams for developing the StegaVault project.

Positions of Responsibility

- Vice President**, Student Magazine Club, IcfaiTech University 2023 – 2025
- Event Volunteer**, Alumni Meet 2K24 and Alumni-led AI Workshop on Generative AI, IcfaiTech University 2024

Skills and Technologies

Programming Languages: Python, Java, C, JavaScript, SQL, HTML, CSS
Web & App Development: React.js, Tailwind CSS, Bootstrap, Node.js, FastAPI
Databases & Cloud: PostgreSQL, MongoDB, MySQL
Tools & Dev Practices: Git, Android Studio, RESTful APIs, CI/CD, Agile Development, Unit Testing
Soft Skills: Analytical Thinking, Problem-Solving, Adaptability, Collaboration, Leadership
Languages: English (Fluent), Telugu (Native), Hindi (Fluent)