

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
—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
—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** Hyderabad, India
—Received INR 5,00,000 in tuition fee waivers for academic excellence across all semesters.
Aug 2022 – Present
- **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)