

Nithin Kodithala

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Education

Neil Gogte Institute of Technology - CGPA (8.1)

Bachelor of Engineering in Computer Science and Artificial Intelligence and Machine Learning

Dec. 2021 – Sep 2025

Hyderabad, Telangana

Nano Junior College – SCORE (95%)

Intermediate in Mathematics, Physics and Chemistry

Apr. 2019 – Feb 2021

Hyderabad, Telangana

Projects

Text To Image Generation/ Python, Generative AI [DEMO](#)

December 2022

- Enhanced operational efficiency by 70% through the implementation of cutting-edge automation Technology, Reducing Production downtime from 15% to 5%.
- The Given Text or speech is converted to the Image By using Stable Diffuser.

Food Delivery App / MERN full Stack.

May 2024

- Developed a full-stack food ordering application using MongoDB, Express.js, React, and Node.js
- Optimized application performance and scalability, ensuring seamless user experience.

Ransomware Detection and Elimination / Python, Machine Learning, Virtual Sandbox

June 2023

- Developed a solution for a malicious software design that block access to a computer system until a sum of money is paid.
- Training of the model with relevant data is important for that we had used datasets like Emberd, Bodmass, PE Machine Learning, etc.
- Random Forest Algorithm is used for classification, regression and other tasks that operates by constructing a multitude of decision trees at training time

Co-Rescue Application / MERN full stack

December 2023

- The Co-Rescue app ensures swift communication during disasters, with a focus on real-time messaging.
- Its foundational framework is completed, with upcoming tasks including implementing a secure file sharing system, user authentication and Real Time Communication.
- Prioritizing essential features, the app aims to seamlessly integrate with emergency services while upholding data privacy and fostering community adoption.

Technical Skills

Languages: Java, C++, Python, MongoDB, React, Express JS, Node JS, HTML, CSS & Java Script, DBMS, Operating Systems, Docker, Aws.

Developer Tools: Git / GitHub, VS Code.

Achievements

Smart India Hackathon Finalist

December 2023

- Participated in Smart India Hackathon 2023 program held by Government of India and Secured 2nd Place.
- Implemented a rescue application with robust features like real-time messaging, location sharing, and emergency alerts within the Co-Rescue app, enabling swift and efficient response efforts. This ultimately saves lives and mitigates the impact of disasters.

Coding Contests

October 2022- Present

- Active participant in competitive programming, achieving a **2-star rating** in CodeChef.
- Recognized as a **pupil** on CodeForces, showcasing dedication and proficiency in Competitive problem-solving
- Demonstrated commitment to honing skills through extensive practice, having solved over **400 problems** on LeetCode

