

Golakoti Y L Ganapathi Rayulu

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TRAINING

- MERN Stack Training & Certification**

January 2025

 - Gained expertise in MongoDB, Express.js, React, and Node.js for full-stack development.
 - Built dynamic web applications with RESTful APIs and seamless front-end and back-end integration.
 - Hands-on experience in database management, server-side development, and client-side rendering.
- Data Structures and Algorithms | Programming Pathshala**

July 2024

 - Strengthened problem-solving with arrays, linked lists, stacks, queues, trees, and graphs.
 - Mastered algorithm design techniques like sorting, searching, dynamic programming, and recursion.
 - Analysed time and space complexities for optimized coding performance.

SKILLS

Languages:	Java, C++, JavaScript, C, Python
Frameworks:	ReactJS, HTML and CSS, NodeJS, ExpressJS, Flask
Tools/Platforms:	MySQL, MongoDB, Git, SQLite
Soft Skills:	Problem-Solving Skills, Team Player, Project Management, Adaptability

PROJECTS

- DigiServe - Restaurant POS System** | ReactJs, NodeJs, ExpressJs, MongoDB | [Link](#)

December 2024

 - Developed a restaurant POS system to streamline order management, kitchen coordination, and payment processing.
 - Designed an intuitive UI for waiters to take orders, assign them to tables, and track order status in real time.
 - Implemented a chef's dashboard for order updates, notifying waiters when orders are ready for serving.
 - Integrated a payment system to mark orders as paid and close transactions efficiently.
 - Built RESTful APIs to facilitate smooth communication between the frontend and backend.
- Custom URL Shortener** | Flask, Python, SQLite | [Link](#)

March 2023

 - Developed a URL shortener that allows users to enter an original URL and specify a custom short URL.
 - Implemented backend logic using Flask to store and retrieve URLs efficiently.
 - Designed a simple and user-friendly interface for quick URL shortening and redirection.
 - Used SQLite for lightweight data storage and ensured smooth functionality.
- UMS - University Management System** | HTML, CSS, JavaScript | [Link](#)

February 2023

 - Developed a responsive frontend website for a university management system to enhance student and faculty interactions.
 - Designed and implemented pages for student attendance, timetable viewing, exam schedules, and result tracking.
 - Ensured a seamless user experience with a clean UI and optimized performance across devices.

CERTIFICATES

- IBM DevOps and Software Engineering | [View Certificate](#)
 - Ethical Hacking Specialization by IIT Kharagpur | [View Certificate](#)
- November 2024
October 2024

ACHIEVEMENTS

- One among Dean's top 10 % students at university**
For good academic performance and extra-curricular activities at university
- Solved 250+ problems on LeetCode**
Enhancing problem-solving skills in Data Structures and Algorithms.

EDUCATION

- Lovely Professional University**
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.4
 - Rajiv Gandhi University of Knowledge and Technology**
PUC MPC; Percentage: 88%
 - Aditya Public School**
Matriculation; Percentage: 99%
- Punjab, India
Since October 2022

Srikakulam, Andhra Pradesh
January 2021 - October 2022

Amalapuram, Andhra Pradesh
April 2019 - March 2020