

ARUMALLA CHAITANYA DEEPIKA

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Education

Gokaraju Rangaraju Institute of Engineering and Technology

Bachelor of Technology in Computer Science Engineering

CGPA: 9.73 (till 5th semester)

Nov 2021 – Present

Hyderabad, Telangana

Narayana Junior College

Intermediate Education

Score: 992/1000

June 2019 – July 2021

Hyderabad, Telangana

Relevant Coursework

- Data Structures
- Database Management
- Machine Learning
- Computer Networks
- Operating Systems
- Artificial Intelligence
- OOP
- Software Engineering

Work Experience

INFOTRIXS

Jul 2023- Aug 2023

Frontend Developer Intern

- Developed responsive and user-friendly web interfaces using HTML, CSS, and JavaScript.
- Contributed actively to a comprehensive project focused on Event Management System.
- Actively participated in team meetings, providing valuable inputs and contributed to the overall success of the project.
- Collaborated with backend developers and designers to ensure seamless integration of frontend components.

Projects

Density Based Traffic Management System | *Arduino, IoT*

Dec 2023

- Reduced traffic congestion through real-time adjustment of signal times using IoT technology.
- Employed Arduino and four IR sensors to count vehicles in each junction lane.
- Analyzed vehicle counts in the initial 10 seconds to determine the most efficient signal times.
- Adjusted the signal output based on vehicle density, utilizing IoT and sensors for adaptive traffic control, overcoming traditional time-based limitations.

Smart Canteen System | *ASP.NET, C#*

Aug 2023

- Developed to modernize order placement, processing, and inventory in college canteen.
- Created user-friendly web app for students to order food.
- Designed efficient backend for staff to manage orders and monitor inventory.
- Empowered students to customize orders and specify pickup time, minimizing wait time.

Technical Skills

Languages: C, Java, Python, SQL, HTML/CSS.

Developer Tools: Visual Studio Code, NetBeans, Weka.

Frameworks & Libraries: Flask, Scikit-learn, Pandas, Numpy.

Design: Canva.

Certifications & Achievements

- Earned accreditation in the AI-ML Virtual Internship Program by AICTE, demonstrating adeptness in Artificial Intelligence and Machine Learning.
- Achieved Elite Certification from NPTEL, showcasing competence in a specialized Data Science program.

Leadership / Extracurricular

Skill Development Cell (SDC)

Sep 2022 – Present

Technical Team

Gokaraju Rangaraju Institute of Engineering and Technology

- Organized hackathon for two consecutive years, over 500 students(100+ teams) and managed various events conducted by SDC-SB GRIET.
- Oversaw a 5-member technical team and executed responsibilities, including the formulation of problem statements.
- Implemented strategic promotional campaigns for events by visiting and engaging with multiple colleges across Hyderabad.
- Guided and mentored juniors, resulting in a 30% increase in their skills.