

Sulthan Vishnu Sai

Roll No.: 242cs035

Master Of Technology

Computer Science Engineering

National Institute of Technology Karnataka, Surathkal

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GitHub Profile

LinkedIn Profile

SUMMARY

Versatile developer with a Master's in Computer Science. Distinguished for collaborative skills and a track record of independently delivering impactful results. Skilled in writing code for web applications, enforcing coding standards, and staying updated with the latest market trends and technologies. Efficient in collaborating and communicating new ideas and opinions, with a passion for Mobile UI & UX to create exciting user experiences.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Kotlin, Python, Matlab

Developer Tools: Git, VSCode, Latex

Web Development Skills: HTML, CSS, Javascript, Bootstrap

Frameworks: Django, NetworkX, Pytorch, Numpy, PyG, OpenAI

Databases: MySQL, SQLite

PROJECTS

•Localized-Delocalized state Identification using Graph Convolutional Neural Network

Major Project

- Worked as a researcher under our university faculty and Developed a specialized framework employing graph convolutional neural networks (GCN) to analyze complex systems and information propagation. Classified graph structures into diffused/delocalized and condensed/localized states, facilitating the distinction of linear dynamical processes.
- Trained GCN models on graphs of varying sizes to accurately classify localized or delocalized states. Validated the framework's effectiveness using real-world graphs and linear dynamical models, achieving high accuracy in classification tasks during testing.
- Tools & technologies used: Python, Pytorch, Numpy, NetworkX, PyG, Latex

• Complaint Management System

Course Project

- Developed a College Complaint Management System, This comprehensive web application automates complaint handling procedures and grievance management within educational institutions. I meticulously implemented features such as complaint acknowledgment, advice provision, investigation workflows, and data analysis functionalities.
- My contributions reflect a strong command of web development technologies and a commitment to delivering efficient solutions to real-world challenges.
- Tools & technologies used: Django, Javascript, HTML, CSS

• Healthcare-chatbot Using Prompt Engineering

Personal Project

- Developed a Healthcare Chatbot utilizing Prompt Engineering techniques, powered by Large Language Models (LLMs) such as ChatGPT-3.4, OpenAI.
- Significance of prompt engineering in maximizing the potential of LLMs in medical education, emphasizing the importance of accuracy, bias mitigation, privacy preservation, and technology integration.

EDUCATION

• National Institute of Technology Karnataka, Surathkal

Master Of Technology in Computer Science Engineering

2024 - 2026

CGPA: Present

• Indian Institute of Information Technology, Raichur

Bachelors Of Technology in Computer Science Engineering

2019 - 2023

CGPA: 6.80

• Velociity Junior College

Board of Intermediate Education, Telangana

2017 - 2019

Percentage: 88.8

• Paramita Heritage School

Board of Secondary Education, Telangana

2017

CGPA: 9.0

ACHIEVEMENTS

- **Scored 89% in National JEE Mains Graduate Entrance Exam** *2019*
- **Attained Graduate Aptitude Test in Engineering Examination** *2024*

POSITIONS OF RESPONSIBILITY

- **NSO Volunteer for B.tech at IIIT Raichur** *2019-23*
- **Volleyball Champion at Inter IIIT Sports Meet** *2022-23*