

# Meghana Reddy Nalla

New Jersey, USA

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## Introduction

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I'm Meghana, a seasoned software engineer with a passion for crafting cutting-edge solutions that drive technological innovation. Throughout my educational journey, personal projects and working experience, I've honed my skills in software development, transforming ideas into functional, efficient, and userfriendly applications.

## Technical Skills

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Programming Languages	C, C++, Python, Java, HTML, CSS, Javascript, PL/SQL.
Libraries/Framework	React.js, Express.js, Flask, Next.js, Node.js, HTML5, CSS3, Langchain, Huggingface, Streamlit, PyTorch, Spacy, NLTK, NumPy, pandas.
Tools	Linux, Windows, Microsoft word, Microsoft PowerPoint, Excel.
Collaborating Tools	GitHub, Microsoft Project, Trello, Agile methodologies.
Communicating Tools	Slack, Microsoft Teams, Discord, Cisco Webex Teams, Google Meet.
Database	MongoDB, MySQL, SQLite, Vector databases.
IDEs	VSCode, Jupiter Notebook, PyCharm, IntelliJ, Eclipse, Google Colab.
Platforms	Render, Hostinger, netlify.

## Education

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### Rowan University

- Pursuing Master's in Computer Science at Rowan University
- GPA: 3.8/4

New Jersey, USA

Sep, 2022 - present

### Kakatiya Institute of Technology and science

- Bachelor of Technology in Electronics and Instrumentation Engineering
- GPA: 8.8/10

## Work Experience

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### Infosys Limited

SYSTEMS ENGINEER

Hyderabad, India

may 2021 - August 2022

- Provided Maintenance and support for applications like, Essbase, HFM, HPCM, FCM and other oracle tools.
- Collaborating with other teams for enhancements in the features as per the customer requirements.
- Incident management on ServiceNow.
- I had the privilege of working extensively with Java, Database Management Systems (DBMS), and Data Structures. This experience allowed me to develop a strong foundation in these key areas, enabling me to contribute effectively to complex projects and problem-solving tasks.
- My expertise in Java empowered me to create robust and efficient software solutions, while my proficiency in DBMS allowed me to design and manage databases that played a crucial role in data storage and retrieval. Additionally, my knowledge of data structures proved invaluable in optimizing algorithms and enhancing system performance.

# Projects

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## 1. **Course Recommendation System with chat-GPT and Machine Learning**

- Used OpenAI API, Flask, SQLite, Python, NLTK
- Collaborated on a group project to develop a course recommendation system. Implemented a chat-based interface using GPT-3 for user interaction. Built a machine learning model to provide personalized course recommendations.

## 2. **OpenAI DALL-E clone**

- Used GPT-3 API, Mern stack, Tailwind CSS, Cloudinary
- Developed DALL-E clone, an AI image generation system, utilizing Node.js and Express.js for the backend and React.js for the frontend. Integrated the ChatGPT API to generate image from descriptions and utilized Cloudinary to store the generated images, storing their URLs in MongoDB for easy retrieval.

## 3. **RecipeMaker** From Youtube video URL

- build a Recipe Generator App using Whisper, Pytube, [chatgpt](#), and Streamlit.
- This application utilizes PyTube to extract both video and audio content from a YouTube video URL. Following this, the audio file undergoes processing with OpenAI's Whisper to generate a transcript. Lastly, the recipe is crafted with the assistance of OpenAI's text-davinci-003 model.