

Nithin Kumar Singarapu

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Summary — Innovative B.Tech student specializing in Artificial Intelligence and Machine Learning, with a solid foundation in data analysis, machine learning, and software engineering. Proven ability to apply analytical skills and hands-on project experience to develop impactful solutions. Eager to contribute to a dynamic team as a data scientist or AI/ML engineer.

Skills

Languages: Python, Java, SQL, JavaScript, C, HTML, CSS

Technologies & Tools:

Data Analysis and Visualization : Numpy, Pandas, Scipy, Microsoft Excel, Matplotlib, Seaborn, Plotly

DataBases : MongoDB, MySQL

Machine Learning and Deep Learning : Scikit-learn, TensorFlow, PyTorch, OpenCv, Hugging Face Transformers

WebDevelopment : Node.js, React, Angular, Bootstrap, Tailwind CSS

Education

Anurag University

Sep 2022 - Present

Address : Venkatapur, Ghatkesar, Medchal-Malkajgiri district, Hyderabad, Telangana, India

B.Tech in Artificial intelligence and Machine Learning

CGPA : 6.94/10

Narayana Junior College

Jun 2020 - March 2022

Address : Tarnaka, Secunderabad, Hyderabad, Telangana, India

Intermediate Education specialized in Maths, Physics and Chemistry(MPC)

CGPA :8.6 /10

Johnson Grammar School (SSC)

Mar 2020

Address: Habsiguda, Hyderabad, Telangana, India

CGPA : 9.5/10

Projects

Blindspot Detection System

- Tools Used: YOLOv9
- Developed a system for detecting blindspots in vehicles, improving safety.

Weather Detection Bot

- Tools Used: Stable Diffusion, Hugging Face Transformers, BotFather
- Created a bot to provide weather updates, integrating NLP for accurate responses.

Data Analysis and Feature Engineering

- Tools Used: Scikit-learn
- Performed data cleaning, regression analysis, and feature engineering on custom datasets.

Tech Stack

- Tools Used: Node.js, React, Angular, MongoDB
- Created and Deployed Web Applications using Node.js, Angular and React based on Model View Controller Architecture
- Developed data models using MongoDB
- Other projects are posted on GitHub

Certifications

- Data Analytics Certification by GreatLearning
- Course Completion Certificate from MongoDB University
- Certified in CNN and NLP by Aimer Society
- Certified in AI with Python by Coincent
- Certified in "Getting Started with Node.js" by Simplilearn
- Certificate of Merit in Kaagaz conference by IEEE-CS