



NISHANTH M

ASPIRING AI & DATA SCIENCE ENGINEER


CONTACT

 8098259659

 nishanthmn07@gmail.com

 [LinkedIn](#)

 [Github](#)

 1/81, Valarmathi Nagar, VKL Nagar,
Coimbatore

SKILLS

- Programming languages : Python, JavaScript
- Data Analysis : Data Visualization, Exploratory Data Analysis
- DBMS : SQL
- Machine Learning : Model Evaluation & Validation
- UI/UX Designing
- MERN Stack
- Django Framework
- Communication

EDUCATION

2nd yr B.tech Artificial Intelligence & Data Science

KGISL Institute of Technology

2022-2026

Grade 12

Vidya Vikasini

Matric.HR.SEC.School

2021-2022

Grade 10

Vidya Vikasini

Matric.HR.SEC.School

2019-2020

LANGUAGES

English 

Hindi 

CAREER OBJECTIVE

Aspiring Full Stack Developer with a strong foundation in AI & Data Science, currently in the second year of a B.Tech program. Proficient in UI/UX design, Django framework, and the MERN stack, with extensive experience in Python programming. Passionate about leveraging my diverse skill set to develop comprehensive and innovative web applications. Eager to contribute to dynamic teams and projects that challenge and refine my capabilities, aiming to grow into a proficient Full Stack Developer.

WORKING ON PROJECTS LIKE

1. Dehazing/Desmoking Model

- **Description:** Developing an AI model aimed at improving visibility in images affected by haze or smoke. 2020-2022
- **Technologies Used:** Python, OpenCV, YOLOV5, TensorFlow
- **Key Contributions:** Data preprocessing, model training, and performance evaluation.

2. Access Pass Generator for KGX

- **Description:** Creating a system to generate gate passes for students visiting college on public holidays.
- **Technologies Used:** Python, Flask, SQL
- **Key Contributions:** Backend development, database management, and integration with college access systems.

3. Traffic Speed Detector

- **Description:** Designing a system to detect and report vehicle speeds using image processing techniques.
- **Technologies Used:** Python, OpenCV, Machine Learning
- **Key Contributions:** Algorithm development, speed calculation, and accuracy optimization

4. TO-DO List App using Django

- **Description:** Developing a web application to manage tasks and to-do lists, enhancing user productivity through task creation, management, and organization features. 2020-2022
- **Technologies Used:** Python, Django, HTML, CSS, JavaScript, SQLite
- **Key Contribution:** Designed and developed RESTful APIs for task management.

5. Decentralized Identity Management using Blockchain

- **Description:** Working on a blockchain-based solution for decentralized identity management, providing secure, tamper-proof identity verification and management.
- **Technologies Used:** Ethereum, Solidity, IPFS, React, Web3.js
- **Key Contribution:** Developed smart contracts and integrated IPFS for secure, decentralized identity management.

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EXPERTISE

- Communication
 - Leadership
 - Teamwork
 - Adaptability
 - Time Management
 - Problem - Solving
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HACKATHONS & WORKSHOPS

- Selected in Smart India Hackathon'23
- Participated in Googleathon'23 at "SNS College of Engineering"
- Participated in pyexpo'23 at " KGISL Institute of Technology
- Attended Pycon'23