

Nikhil .

Full Stack Python Developer & Data Science Enthusiast

Passionate about harnessing data for software innovation, I'm a final-year M.Tech Software Engineering student at Vellore Institute of Technology. With expertise in Python, Django, RESTAPI, and TensorFlow I am eager to contribute to tech advancements, I seek opportunities aligned with my passion for data-driven solutions. I have a strong foundation in building web applications using Django and RESTAPI, while also proficient in utilizing data science techniques for analysis and prediction tasks. Let's connect and explore possibilities together!



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🐙 github.com/Nikhil0414

EDUCATION

Integrated M.Tech. (Software Engineering) (5 Years)

Vellore Institute of Technology , Vellore

2019 - 2024

CGPA - 7.15/10

12th Boards(CBSE)

Kendriya Vidyalaya Sector 8 R.K. Puram, Delhi

2018 - 2019

CGPA - 8.18/10

ACADEMIC PROJECTS

Real-Time Crime Prediction (01/2024 - 04/2024) [🔗](#)

- Utilising TensorFlow, Keras, OpenCV for real time crime surveillance. Deploys the trained model seamlessly through a user-friendly Django-based website for real-time surveillance.

Housing Price Prediction (07/2023 - 11/2023) [🔗](#)

- Built a linear regression model using scikit-learn and the Bangalore home prices dataset from Kaggle. Developed a Python Flask server to serve HTTP requests using the saved model.

INTERSHIPS

Python Developer Intern Scifor Technologies

01/2024 - Present

Bengaluru, Karnataka, India

Projects / Achievements

- [BookVerse - A Django-based e-commerce platform](#), enhanced through the development of key features including user authentication, intuitive product listings, detailed product pages, and a streamlined checkout process.
- Implemented secure functionalities and categorized product listings into genres for enhanced user experience.
- Acquired expertise in responsive web design, utilized Python, Django, Flask, and FastAPI for web development tasks. Applied data science skills including data analysis, visualization, and machine learning.
- Used libraries such as NumPy, Pandas, Matplotlib, Seaborn, and Scikit-learn for data manipulation and analysis. Worked with deep learning frameworks such as PyTorch and TensorFlow for advanced machine learning tasks.

SKILLS

Python

Django

Flask

Git

REST API

FAST API

PostgreSQL

Numpy

Pandas

Matplotlib

Seaborn

Scikit

Tensorflow

Pytorch

HTML

CSS

JavaScript

ACHIEVEMENTS

Problem Solving [🔗](#)

Earned Gold level badge in Problem Solving on HackerRank, demonstrating proficiency in problem-solving skills.

Python [🔗](#)

Attained Gold level badge in Python on HackerRank, showcasing mastery in Python programming language.

CERTIFICATES

Google Advanced Data Analytics Professional Certificate [🔗](#)

Certificate by Google

Google Data Analytics Professional Certificate [🔗](#)

Certificate by Google

Machine Learning Specialisation [🔗](#)

Certificate by DeepLearning.AI and Stanford University

Data Structures [🔗](#)

Certificate by University of California San Diego

Career Essentials in Data Analysis [🔗](#)

Certificate by Microsoft and LinkedIn

Career Essentials in Software Development [🔗](#)

Certificate by Microsoft and LinkedIn

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency