

# Nikhil.

## Data-Driven Software Engineer | Python Developer (AI & ML Enthusiast)

Passionate about leveraging data to drive software solutions, I am a final-year M.Tech Software Engineering student at Vellore Institute of Technology. As a Data-Driven Software Engineer and AI & ML enthusiast, I thrive on transforming ideas into impactful projects. Eager to contribute to the ever-evolving tech landscape, I am open to exciting opportunities that align with my passion. Let's connect and explore the possibilities!



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## EDUCATION

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

Vellore Institute of Technology, Vellore

07/2019 - Present

CGPA - 6.99/10

### 12th Boards(CBSE)

Kendriya Vidyalaya Sector 8 R.K. Puram, Delhi

06/2018 - 06/2019

CGPA - 8.18/10

## PROJECTS

### Housing Price Prediction - Supervised machine learning algorithms (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.
- Created a website using **HTML**, **CSS**, and **JavaScript** that allowed users to input home **features** (location, sqft, bhk, etc.) and retrieved the predicted price from the Flask server.

### Dark Web Crawler — Python (07/2022 - 11/2022) [🔗](#)

- Connects to **TOR** and onion services via a **manual proxy** and browsing the dark web. The **crawler** for the dark web **gathers all the data**, retrieves all the **links**, **filters** the **tags**, and will look for any particular keyword.
- Organises the data into user-specific **data visualisations** and saves the data as a **JSON** file.

### Portfolio - Django web framework (01/2024 - Present) [🔗](#)

- A dynamic and responsive **portfolio** showcasing my expertise in Python development and AI/ML enthusiasm through projects like Housing Price Prediction and Dark Web Crawler.
- **Django**, it features seamless navigation, interactive sections, and integration of **JavaScript** for enhanced user experience. Employs clean design, efficient code, and intuitive interface, reflecting my commitment to innovative **web development** practices.

## INTERNSHIPS

### Python Developer Intern Scifor Technologies

01/2024 - Present

Bengaluru, Karnataka, India

#### Achievements/Tasks

- Developed and maintained a clean, efficient, and modular codebase in Python, ensuring code readability and ease of collaboration within the development team.

## SKILLS

Python

Django

Flask

Git

REST API

FAST API

PostgreSQL

Numpy

Pandas

Matplotlib

Seaborn

Scikit

Tensorflow

Pytorch

HTML

CSS

JavaScript

## 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

### Career Essentials in Data Analysis [🔗](#)

Certificate by Microsoft and LinkedIn

### Career Essentials in Software Development [🔗](#)

Certificate by Microsoft and LinkedIn

### Data Structures [🔗](#)

Certificate by University of California San Diego

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

Art

Fitness

Technology

Programming