

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.

WORK EXPERIENCE

Junior Python Developer Meta Scifor Technologies

06/2024 - Present

Bengaluru, Karnataka, India

IT Services and IT Consulting

Projects / Achievements

- Developed an E-learning platform using HTML, CSS, Javascript, Python, Flask, Django, and REST APIs to facilitate online education.
- Implemented user authentication, course management, payments, community, quizzes, blogs and progress tracking features into the student panel for enhanced functionality.
- Integrated and deployed the company's website on AWS EC2, improving site reliability and accessibility.
- Configured AWS services including EC2, S3, RDS, and CloudFront for optimal performance. Conducted regular maintenance and updates to ensure security and efficiency.
- Collaborated with cross-functional teams to gather requirements and deliver high-quality software solutions. Provided technical support and troubleshooting for both the E-learning platform and the company website.

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