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!



New Delhi, India

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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 userfriendly 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

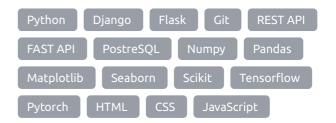
06/2024 - Present

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



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