Shoaib Ali - Python Developer

Contact Information

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Location: Noida, India

Professional Summary

An MCA professional with a strong focus on Python Development, Machine Learning, and Artificial Intelligence. Committed to driving innovation and delivering exceptional results through expertise in Python.

Work Experience

Consultant - Python Developer

Staqo World Private Ltd, Noida

January 2024 - Present

- Developed and trained a Convolutional Neural Network (CNN) model using OpenCV and TensorFlow for image recognition tasks.
- Achieved high accuracy through rigorous data preprocessing, model architecture design, and optimization techniques.
- Proficient in implementing deep learning algorithms and leveraging computer vision libraries to solve real-world problems efficiently.

Software Engineer

TechnoSapphire, Noida

January 2022 - December 2023

- Developed an ERP management system for PI Industries Ltd using Python and Django framework.
- Managed system migration and integration, employing Python, FastAPI, Django-ORM, AWS, and PostgreSQL to create a robust and scalable solution.
- Provided technical guidance and mentorship to junior team members, fostering a collaborative and supportive work environment.

Education

Master of Computer Applications (MCA)

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JPIET, AKTU Lucknow

July 2021 - June 2023

GPA: 7.4/10

Master of Science (M.Sc)

CCS University, Meerut

May 2019 - June 2021

Bachelor of Science (B.Sc)

CCS University, Meerut

May 2016 - June 2019

Intermediate

CBSE

April 2015 - May 2016

GPA: 7.9/10

Technical Skills

- Programming Languages: Python

- Frameworks: Django, FastAPI

- Databases: PostgreSQL

- Tools & Libraries: ORM, JSON, Swagger, REST APIs, OOPs, RDBMS, JWT, GitHub, AWS Lambda, AWS S3, OpenCV, TensorFlow, Pandas, Numpy

Projects

Enterprise Resource Planning - PI Industries Ltd.

- Developed a sophisticated ERP system using Python and Django.

- Built a backend with Django's ORM to manage data and integrated it with other system components.

- Created a user-friendly API with FastAPI for enhanced performance.

- Technologies: Python, FastAPI, Django-ORM, AWS, PostgreSQL, Git, unit testing, Swagger, AWS Lambda.

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Automated Painting Management System

- Developed and trained a CNN model with OpenCV and TensorFlow for advanced image recognition.

- Designed and optimized the CNN model for robust performance and high accuracy.

- Demonstrated expertise in computer vision algorithms.

Food Truck Locator

- Developed a full-stack web application using Python Django, FastAPI, ORM, Pydantic, and Uvicorn.

- Utilized PostgreSQL for data retrieval and created a frontend with CSS, JavaScript, and HTML for mapping.

- Processed and cleaned data with Pandas for accurate food truck location retrieval.

- Integrated Geopy and Geodesic libraries for precise distance measurements.

Languages

- English: Full Professional Proficiency

- Hindi: Full Professional Proficiency

Interests

- Adventure Sports

- Arm Wrestling

- Bike Riding