



Poojan Vig

Enthusiastic and driven Data Science Engineer with a year of experience in fintech companies, specializing in AI and machine learning. Recognized for winning two AI-based hackathons within a six-month period, showcasing a strong ability to develop and implement creative solutions to complex problems. Developed notable projects in areas including AI framing, pose detection, parking, and image classification, demonstrating advanced proficiency in Python, TensorFlow, sklearn, and SQL. Showcased a strong interest and focus in Reinforcement Learning and Generative AI. Aiming to leverage my skills and passion for data science to solve challenging problems and make significant contributions as a Data Scientist.

Contact

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Education

Bachelor of Engineering

(Artificial intelligence and data science)

CGPA : 8.82

Shah and anchor kutchhi engineering college

Proceeding Skills

Tensorflow developer certificate

Advance DBMS

Microsoft Ai fundamentals

Languages

English

Hindi

Punjabi

Marathi

Technical Skills:

- **Programming Languages:** Python, R, Java, C, SQL
- **Machine Learning Libraries:** scikit-learn, TensorFlow
- **Data Visualization Tools:** Matplotlib, Seaborn, ggplot, Tableau, Power BI
- **Databases:** MySQL
- **Cloud Platforms:** Microsoft Azure

Data Science Specific Skills:

- **Statistical Analysis:** Proficient in utilizing statistical methodologies for analyzing and interpreting complex datasets, including regression analysis, hypothesis testing, and statistical inference.
- **Machine Learning:** Extensive experience in applying Supervised and Unsupervised learning, Reinforcement learning algorithms to large datasets. Skilled in implementing Natural Language Processing techniques and building Neural Networks for complex prediction tasks.
- **Data Wrangling:** Demonstrated ability in cleaning, validating, and transforming raw data into a structured format for analysis. Proficient in handling missing data, outliers, and inconsistencies to ensure the integrity and reliability of data.
- **Data Exploration/Analysis:** Proficient in exploring and analyzing large datasets to extract insights and identify patterns. Skilled in using data visualization tools to present findings and effectively communicate data-driven insights to technical and non-technical stakeholders.

Soft Skills:

- Problem-solving
- Communication
- Teamwork
- Critical Thinking

Hobbies

- Reading
- Travel & Explore
- Driving
- Cricket

Certifications

- udemy-100 days of Python
- Udemy-The ultimate Sql bootcamp
- Udemy- TensorFlow developer certificate
- Udemy- Complete Data science Bootcamp
- Udemy- Java Masterclass

Awards

**Unscript 2K23 Winner - Hackathon
(12 Feb 2023)**
Fr. Conceicao Rodrigues College of Engineering

1st Place AI ML Domain Hackathon at Fr. C. Rodrigues Institute of Technology. Committed to innovation & solving real-world problems.

**Syntechxathon 3.0 Winner Hackathon
(28 Jan 2023)**
RD & SH National College

1st Place at Syntechxathon 3.0 for Airrigate - a website for cutting-edge agri solutions. Offers crop recommendations, fertilizer suggestions, yield prediction, plant disease detection & support chatbot

Experience

Creative Finserve Pvt Ltd, Virtual

- **Data Analyst Intern, October 2022 - Present**

- Have created an algorithm to analyze customer Bank statements and summarise their expense and income and provide them with a detailed summary of their financial transactions
- Analyzing large datasets and utilizing data science techniques to inform strategic financial decisions.
- Gaining valuable industry experience and enhancing analytical skills within a dynamic finance environment.

Freelance Web Developer, Virtual

- **Client: Taxpert Professionals (ManageMyExpat Project)**

- Created and launched a comprehensive website for Taxpert Professionals, a company offering specialized services in accountancy, taxation, and legal and corporate law advisory.
- Designed the website to serve as a one-stop solution for Expatriates and Global Companies, providing information, resources, and services in a simplified and hassle-free ecosystem.
- Collaborated closely with the client to ensure the website met their needs and expectations, effectively representing their brand and services online.

Projects

Airrigate - AI-Driven Farming

[GitHub](#) | [Website](#)

Developed an AI-driven solution for modern farming challenges. The system uses a CNN model for crop disease detection, crop recommendation, yield prediction, and fertilizer recommendation.

Sign-Language-Interpreter using Neural Network

[GitHub](#)

Created software that enhances communication for people with speaking disabilities. The software interprets sign language input and converts it to English statements, using LSTM neural network and OpenCV for processing.

FitAi - Posture Correction using ML

[GitHub](#)

Developed a Python application utilizing computer vision and machine learning techniques to analyze and correct user posture in real-time during exercise. The program provides instant feedback and suggestions for improvement.