PRASHANT YADAV

✉ prashantyadav03082000@gmail.com | 📍 Hatfield, UK | 📞 +44 7586239190 |
in https://www.linkedin.com/in/prashant-kumar122/   ⭘ https://github.com/prashantkumar-12   🌐 https://prashant.uk/

Profile

Possesses 2 years of work experience as a Firstline Associate with a proven ability and history of developing 8+ machine learning & NLP projects. Hands-on experience leveraging Deep Learning and Transfer Learning Models to achieve a 25% improvement in model performance for solving challenging business problems. Seeking a data science position that enables utilization of data analysis expertise and programming abilities to drive business decisions.

Skills

Python
(Scripting | Automation)

Statistics
(Descriptive Statistics | Statistical Testing)

Deep Learning
(ANN | RNN | CNN | LSTM)

Computer Vision
(Annotation | Image Processing | Object Detection)

Natural Language Processing
(Word2vec | GPT | Transformers)

Databases
(MySQL | MongoDB | Cassandra)

MLOPS
(GitHub Actions | DVC | Sagemaker | AWS | Flask | Docker)

Work Experience

2024–Present   **Sainsbury's**
Trading Assistant
- Constantly monitored inventory levels to ensure accuracy and avoid shortages or excess. Also, identifying fast-moving items, which typically account for approximately 70-80% of sales.
- Adjusted shelf stocking strategies to account for seasonal fluctuations in demand.
- Played a key role in implementing a waste reduction initiative, contributing to a 25% decrease in food waste.

2021–2024   **Centiro Solutions Pvt Ltd**
Firstline Associate
- Took charge of maintaining and updating documentation, resulting in a 20% increase in the accuracy and relevance of internal and external knowledge bases.
- Collaborated globally, reducing response time by 25%. Improved resolution accuracy by 15% through accurate documentation. Boosted customer satisfaction by 20% with strategic tracking and follow-up.
- Collected, cleansed and provided modeling and analyses of structured and unstructured data used for major business initiatives.

2022–2023   **PhysicsWallah iNeuron**
Full Stack Data Science BootCamp 2.0
- Collected data from diverse sources, including APIs, databases, and web scraping, resulting in a 30% reduction in data acquisition time.
- Developed insightful visualizations with Matplotlib, Seaborn, and Plotly, leading to a 25% increase in stakeholder engagement and understanding.
- Demonstrated expertise in algorithm selection and utilization, contributing to a 15% enhancement in model performance across projects.
- Deployed machine learning models using frameworks like Flask or Docker.

2021–2021   **SmartKnower**
Full Stack Developer

- Engineered and executed more than 40% of the Front-end of a given task and assisted mentors throughout the entire task.
- Debugged in Front End (JavaScript, HTML5, CSS3) and the Back End (Django) to perform root cause analysis of existing bugs in the Dashboard application.
- Connected with 10+ clients to integrate cutting-edge web technologies, including JavaScript, React, and NodeJS, into existing systems.

Projects

2023   **YouTube Data Analysis**
Personal Project
- Created an ETL pipeline for extracting YouTube API data, transforming with Pandas, and loading into Snowflake. Achieved a 20% improvement in data insights and a 15% increase in reporting and visualization efficiency.
- Engineered a comprehensive dashboard that visually presents the highest viewing channel in each category and includes precise channel total subscriber metrics, empowering data-driven decision-making and improving audience insights.

2022   **Student Portal Website**
Personal Project
- Student Portal is an online platform in which Student can spend 90% time on one portal.
- Enhanced functionality by incorporating a dictionary, YouTube, Wikipedia, and many other functions, leading to a 30% increase in user engagement.

2021   **Sign Language Recognition Using Machine Learning**
Final Year Project
- Project allows dumb & deaf community to interact with people without mechanical devices.
- Implementation of Machine Learning libraries such as sci-kit learn, TensorFlow, and Keras.
- Trained and tested different regression and classification models to improve 98% accuracy.

Education

2024–2025   **University Of Hertfordshire**   **Hatfield, UK**
Master of Business Administration (MBA), Data Analytics
- Specialization in Strategic Management Research in Data Analytics.
- Executive Career and Professional Development in Data Analytics.

2017–2021   **MIT ADT University**   **Pune, India**
Bachelor of Technology (B.Tech), Computer Science & Engineering
- Specialization in Machine Learning & Data Science.
- Published Research Paper in International Research Journal.

2016-2017   **Senior Secondary (XII), Science**   **Pune, India**
City International School

Certifications & Courses

- Full Stack Data Science Boot Camp 2.0 – PhysicsWallah iNeuron
- Full Stack Web Development – SmartKnower
- Data Science – Infosys
- HTML & CSS – Udemy
- Digital Marketing – Google
- Ethical Hacking – Udemy
- MySQL – Udemy
- Python – Infosys

Languages: English, Hindi, & Marathi.