HARSH SHARMA

Data Scientist with 4+ years of experience, leveraging expertise in Machine Learning and NLP to deliver actionable insights that drive business results. Develops state-of-the-art algorithms, custom models, and innovative solutions that exceed expectations. Passionate about staying ahead in the AI field, committed to leveraging the latest technologies for organizational success.

CONTACT

✉ harsh.sharma20@outlook.com
☎ +4915560238574
📍 Rostocker Weg 4, 35039 Marburg
in Harsh Sharma

TECHNICAL SKILLS

Machine Learning   Deep Learning

Natural Language Processing

Data Science   Statistical Analysis

Python   Pytorch   Tensorflow   LLM

Databricks   Pandas   APIGateway

SQL   Docker   Git   Flask

Elasticsearch   MongoDB   Agile

Airflow   Azure   Power BI

SOFT SKILLS

Problem solving   Presentation-skills

Team work   Communication skills

Leadership   Time-Management

Quick-Learner

PERSONAL PROJECTS

Malaria Detection using ResNet50

Document Similarity using Deep learning

CERTIFICATES

Coursera - Machine Learning

Coursera - Neural Networks and Deep Learning

LANGUAGES

English
Hindi
German

INTERESTS

Football   Reading   Swimming

⚙ PROFESSIONAL EXPERIENCE

📅 08/2022 - 08/2023
📍 **Tiger Analytics India Consulting Pvt. Ltd, Remote**

Senior Analyst - Data Science

- Analyzed data for trends and patterns, using pandas, numpy and, pyspark to interpret large amounts of data on Azure Databricks.
- Implemented Machine Learning models like K-means, and linear regression on Azure ML Studio by collaborating with machine learning engineers, making a true impact on sales profit of 30%.
- Led the development of a state-of-the-art natural language processing model using transformer architectures, resulting in a 20% improvement in sentiment analysis accuracy over the existing system. This advancement enhanced the system's ability to understand nuanced language.

📅 11/2021 - 08/2022
📍 **Innoplexus Consulting Services Pvt. Ltd, Pune, India**

Data Scientist

- Worked on technology that can identify transcription factor-based biomarkers given microarray expression data, and collaborated for its patent.
- Experimented with regression-based ML algorithms to infer Gene Regulatory Networks and visualized transcription factor and its target in Neo4j.
- Created a text classification model (BERT and LSTM base) to classify an abstract into the category of successful and unsuccessful experiments.

📅 07/2019 - 11/2021
📍 **GenieTalk.ai, Indore, India**

Data Scientist

- Designed end-to-end Voice UI multilingual Conversational Agent framework. Furthermore, I was responsible for the development and testing of different APIs.
- Developed a scalable data storage solution using MongoDB, optimizing data retrieval time.
- Implemented a robust search functionality using Elasticsearch, enhancing user search experience and increasing search speed.

📅 06/2018 - 12/2018
📍 **BigData Informatics LLP, Indore, India**

Machine Learning Intern

- Execute analytical experiments to help solve various problems, making a true impact across various domains and industries.
- Implemented Machine Learning models into production by collaborating with software developers and machine learning engineers.
- Applied machine learning techniques, to analyze data for trends and patterns and interpret complex datasets.

🎓 EDUCATION

Master of Science - Data Science

📅 04/2024 - Present
📍 Philipps-University Marburg, Marburg (Germany)

Bachelor of Technology - Computer Science and Engineering

📅 08/2016 - 06/2020
📍 Medi-Caps University, Indore (India)

ACHIEVEMENTS

🏆 **Patent - System and Method for Electronic Identification of Biomarkers Associated with Pathology.**

Application No. - US18148535