

MALLIKARJUN TELI

Entry Level Data Scientist

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [HackerRank](#)

OBJECTIVE

Aspiring data scientist with a robust background in machine learning, statistical analysis, and data visualization. Seeking an entry-level role in the healthcare industry to leverage my analytical skills and drive data-driven decision-making to enhance patient care.

WORK EXPERIENCE

Data Science Intern | Bharat Intern | Online | **Jan 2024 – Feb 2024**

- Applied supervised learning methods to streamline model training, improving efficiency by 20%.
- Optimized SVM parameters, boosting classification accuracy by 15%.
- Collaborated on data analysis projects, leading to informed, data-driven decisions for clients.
- Contributed to a project that won the internal innovation challenge, showcasing advanced machine learning techniques.

EDUCATION

- **Master of Computer Applications (MCA) in Computer Science and IT** | **July 2022 – July 2024**
JAIN (Deemed-to-be-University), Bangalore, Karnataka
CGPA: 8.17
- **Relevant Coursework:** Machine Learning, Artificial Intelligence, IT Project Management, Big Data Analytics, Internet of Things, Data Structures and Algorithms, Database Management, Natural Language Processing, Cloud Infrastructure and Services

TECHNICAL SKILLS

- **Programming Languages:** Python, R, SQL
- **Data Manipulation and Analysis:** Pandas, NumPy
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Machine Learning:** Scikit-learn, TensorFlow, Keras, PyTorch
- **Big Data Technologies:** Spark, Hadoop, Kafka, Hive
- **Database Management:** MySQL
- **Web Development & Backend Technologies:** Django, Flask, HTML, CSS, JavaScript, REST API design and development
- **Statistics and Mathematics:** Linear algebra, Probability, Hypothesis testing, Calculus, Descriptive and Inferential Statistics
- **Cloud Platforms:** AWS, Google Cloud Platform
- **Natural Language Processing (NLP):** Text Processing, Sentiment Analysis, Named Entity Recognition, NLTK, SpaCy, Transformers
- **Computer Vision:** Image Processing, Object Detection, OpenCV, TensorFlow Object Detection API
- **Version Control Systems and Methodology:** Git, GitHub, Agile methodologies
- **Other Tools:** Git, Docker, Kubernetes, VS Code, Google Colab, Jupyter Notebooks, Apache Kafka, Google Sheets, Excel, PowerPoint, Word
- **Soft Skills:** Problem-solving, Critical thinking, Effective communication, Quick Learner, Business Acumen, Collaboration and Teamwork

CERTIFICATIONS

- Python Full Stack Development and Data Science program | **Palle Technologies** | **Bangalore** | **June 2022 – Jan 2024**
- Data Science foundations and Artificial Intelligence | **Great Learning**
- Google Cloud Professional and AWS Certified Data Analytics | **Great Learning**
- Mathematics and Statistics for Data Science | **Simplilearn**

PROJECTS

- **IPL 2024 RCB vs DC Analysis using Python:** RCB vs DC IPL 2024 Match Analysis: Performed comprehensive analysis of batting, bowling, and partnerships using detailed match data. | [GitHub Repository](#)
Technologies used: Python, Pandas, Matplotlib, Seaborn, and Jupyter Notebook.
Outcome: Gained insights into key players and team performances, providing valuable data-driven strategic support for future matches.
- **Stock Market Portfolio Optimization:** Selected optimal stock combinations to maximize returns and minimize risk using historical data and financial metrics. | [GitHub Repository](#)
Technologies used: Python, yfinance, Pandas, NumPy, Matplotlib, and Seaborn.
Outcome: Provided a data-driven strategy for optimizing stock portfolios, enhancing investment decisions with risk management insights.
- **Fashion Recommendation System:** Leveraged computer vision and machine learning to recommend similar fashion items based on visual aspects like color, texture, and style. | [GitHub Repository](#)
Technologies used: Python, TensorFlow, VGG16 pre-trained CNN model, NumPy, SciPy, and Matplotlib.
Outcome: Enhanced user experience in fashion e-commerce by providing personalized and visually coherent fashion recommendations.
- **Sentiment Analysis Using Python:** Building a Twitter sentiment analysis project to classify tweets into positive, negative, or neutral sentiments using NLP and machine learning. | [GitHub Repository](#)
Technologies used: Python, NLTK, Scikit-learn, Matplotlib, Word Embeddings, and Jupyter Notebook.
Outcome: Successfully classified tweets with 87% accuracy, providing valuable insights into public sentiment.