Bhavesh Padharia

Senior Data Scientist

Email: padharia.bhavesh06@gmail.com | **Mobile**: 77788-58227

LinkedIn:https://www.linkedin.com/in/bhaveshpadharia

GitHub: https://github.com/padhariabhavesh

Objective:

Results-oriented professional with 7 years of comprehensive experience in data analytics, machine learning, and software development, seeking a challenging role where I can leverage my skills to drive innovative solutions and contribute to organizational success. Adept at leading cross-functional teams, I have a proven track record in developing and deploying advanced ML models, conducting in-depth data analysis, and spearheading successful projects in diverse domains, including E-Commerce, Industry 4.0, Smart Supply Chain, Smart Factory, Smart Sales, and Finance.

Key Strengths:

- Expertise in Social Media Analytics, ETL processes, and data preprocessing.
- Proven success in developing and deploying time series forecasting models for large manufacturing companies.
- Leadership experience in creating innovative web applications, from product scanning to anti-counterfeit detection.
- Skilled in the end-to-end development of deep learning models, enhancing agricultural technology and optimizing compressor systems.
- Proficient in Natural Language Processing (NLP) and chatbot development using Large Language Models (LLMs) and HuggingFace.

Career Goals:

- Continue driving impactful projects that leverage advanced analytics and machine learning.
- Explore opportunities to lead and mentor teams, fostering a collaborative and innovative work environment.
- Contribute to cutting-edge developments in technology, particularly in areas that intersect with AI, deep learning, and multimodal machine learning.

Technical Skills:

- ML,DL,AI,NLP, Multimodal ML
- Generative AI
- Large Language Models (LLMs), HuggingFace, OpenAI, Gemini
- Cloud tech: AWS, Azure,Docker, Kubernetes,Heroku,Stremlit
- Data Analysis and Visualization (Tableau, PowerBI)
- Python Programming (including libraries like NumPy, Pandas, scikit-learn)
- SQL and Database Management
- Time Series Forecasting
- Model Deployment
- ETL Processes

Soft Skills:

- Project Management
- Cross-functional Collaboration
- Client Communication
- Problem Solving
- Continuous Learning

Professional Experience:

Value Chain Solutions (India) Pvt. Ltd. | Ahmedabad | Feb 23 - Present

Senior Data Scientist

- Chatbot Development using LLMs and HuggingFace:
- Led the development of an intelligent chatbot capable of extracting information from PDF files in response to user queries.
- Implemented natural language understanding (NLU) models to accurately interpret user questions and generate contextually relevant responses.
- Model Optimization and Deployment:
- Played a crucial role in refining and deploying model code using OSI Pi Vision tools, ensuring alignment with client requirements in the Paper industry.
- Continuously monitored models to guarantee peak performance, providing detailed reports to clients and actively incorporating their feedback.
- Image Color Identification:
- Developed a Python script for precise color identification in images, serving various purposes from quality control to design analysis.

- Product Bulk Scanning Web App:
- Led the creation of a web application for efficient bulk scanning of QR codes and Data Matrix codes, addressing client-specific needs.
- Anti-counterfeit Product ID Web App:
- Headed a team in crafting a state-of-the-art web app to detect counterfeit products, emphasizing the commitment to ensuring product authenticity in the market.

- Deep Learning for Crop Stage Forecasting:
- Led a cross-functional team in end-to-end development of deep learning models, focusing on predicting crop stages and maturity dates, advancing agricultural technology.
- Multimodal ML for Compressor Optimization:
- Spearheaded a multidisciplinary team in developing and fine-tuning machine learning models using various algorithms, significantly improving compressor system efficiency and maintenance.

Deets Digital Pvt Ltd | Ahmedabad | JUNE 22 – Jan 23

Data Scientist

- Developed an Instagram Scraping script to fetch information about Public & Private accounts using Python and Selenium.
- Designed a theme for the PowerBI dashboard for Diagnostic clients.
- Conducted data analysis of BFSI and FMCG datasets.
- Developed an ML model for Underwriting in Finance.

Shivohm Softech Pvt Ltd | Ahmedabad | JUNE 21 – May 22

Data Scientist

- Conducted data preprocessing and analysis in the Supply Chain domain.
- Developed and deployed a time series forecasting model for large manufacturing companies, improving production planning.
- Created data extraction tools using Python and integrated data into client software.

Simform Solutions | Gandhinagar | JAN 21 – APR 21

Senior Software Engineer

- Managed ETL processes in SQL Server.
- Built, customized, and published interactive reports, visualizations, and dashboards using Tableau.

Garuda Advertising Pvt Ltd | Ahmedabad | July 2017 - January 2021

Data Scientist

- Specialized in Social Media Analytics within the E-Commerce domain.
- Analyzed data sets to develop and deploy ML models for business solutions.
- Conducted feature selection and feature extraction.
- Built reports using Tableau and extracted insights using SPSS.
- Performed web crawling using Python for data collection and engineering.

Education:

- Bachelor of Engineering (B.E.) in Computer Science Gujarat Technological University (GTU) 2014 - 2017
- Diploma in Computer Engineering Gujarat Technological University (GTU) 2011 - 2014

Certifications:

- Machine Learning A-Z™: Hands-On Python & R In Data Science - Udemy
- Data Science with R Track - DataCamp
- Data Analysis Using Python - IBM
- Python All in One Mastery - Udemy

Hobbies & Activities

- Reading tech articles.
- Active problem-solving in the Leetcode platform.
- Cricket, Volleyball, Table Tennis & Indoor Games