Bhuvnesh Bhatt

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PROFESSIONAL SUMMARY

Data Scientist with expertise in machine learning, natural language processing, and statistical modeling. Experienced in developing and deploying end-to-end ML solutions including deep learning (TensorFlow, PyTorch), feature engineering, and model optimization. Skilled in building production-grade data pipelines, interactive dashboards, and delivering measurable business insights.

CORE SKILLS

- **Programming:** Python, SQL
- **Databases:** PostgreSQL, MySQL, MSSQL, MongoDB
- **Data Warehouses & Lakehouses:** BigQuery, Snowflake, Databricks, Microsoft Fabric
- **Machine Learning (ML):** ML Algorithms, Deep Learning (TensorFlow, PyTorch), NLP, Model Tuning
- **Artificial Intelligence & Generative AI:** LLMs, Prompt Engineering, LangChain, RAG, Ollama
- **Big Data & ETL:** Hadoop, Spark, PySpark, Airflow, dbt, Data Pipelines
- **Cloud Platforms:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure
- **Data Visualization:** Power BI, Tableau, Looker Studio, Matplotlib, Seaborn, Plotly
- **Deployment & Collaboration:** Streamlit, Gradio, ngrok, Git, GitHub, Jenkins, Docker, Kubernetes
- **Project Management:** Agile, Scrum, Kanban, JIRA, Confluence, Work Breakdown Structure (WBS)

EDUCATION

Adani Institute of Digital Technology Management, Ahmedabad, India   July 2024 – Present
PGDM in Big Data Analytics

Shri Mata Vaishno Devi University, Jammu, India   July 2019 – June 2023
Bachelor of Technology in Mechanical Engineering

WORK EXPERIENCE

Hire 4 Higher Consulting, Ahmedabad, India   April 2025 – August 2025
Data Analyst Intern [Project Link]

- Designed and optimized machine learning-powered dashboards (Power BI, Tableau, Looker Studio), improving campaign ROI analysis by 35%.
- Developed and deployed a sentiment analysis tool (Python, Streamlit, PostgreSQL), increasing review insight accuracy by 20% and reducing manual tagging time by 30%.
- Applied NLP and ML techniques (spaCy, nltk, RoBERTa) for aspect-based sentiment extraction and recommendation generation, enhancing insight granularity.
- Implemented cross-validation and hyperparameter tuning pipelines to ensure robust ML model performance.
- Conducted A/B testing and statistical evaluation to validate model outputs and business recommendations.

PROJECT WORK

AI-Powered Healthcare Navigator [Project Link]   July 2025 – August 2025

- Built an interactive chatbot mapping user-reported symptoms to medical specialists using structured knowledge bases and NLP models.
- Integrated diagnostic modules and scheduling; delivered a Gradio prototype for clinical decision support.

SQL Chatbot for Database Querying [Project Link]   May 2025 – June 2025

- Developed a natural-language SQL chatbot with Streamlit UI and LangChain agents, enabling non-technical users to query databases.
- Improved query accuracy by 15% using iterative prompt engineering and regression-based intent classification models.

CERTIFICATES

- AI in Healthcare – Great Learning, 2025 [Certificate Link]
- Generative AI for Executives – AWS, 2025 [Certificate Link]
- Data Engineering on AWS Foundations – AWS, 2025 [Certificate Link]
- Project Management: Creating the WBS – Coursera, 2025 [Certificate Link]
- Machine Learning Pipelines with Azure ML Studio – Coursera, 2025 [Certificate Link]