

Vishw Vekariya

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EDUCATION

UCLA Anderson School of Management <i>Master of Science in Data Science and Business Analytics (MSBA)</i>	Los Angeles, CA Dec. 2026
• Coursework: Machine Learning, Data Management, Optimization, Probability & Statistics, Prescriptive Modeling, Data Analytics, Forecasting and Time Series, Data Visualization	

Sardar Vallabhbhai National Institute of Technology (SVNIT) <i>Bachelor of Technology in Computer Science and Engineering</i>	Surat, India Jun. 2025
• Coursework: Data Science, Big Data Analytics, Software Engineering, Machine Learning, Statistics, Natural Language Processing, Artificial Intelligence	

SKILLS

Languages: Java, Python, C/C++, SQL, R (dplyr, ggplot2, Esquisse, Mlr3), Scala, JavaScript, HTML/CSS
Frameworks: Airflow, Hadoop, Kafka, Hive, Angular, React, .NET ,Node.js, Flask, MongoDB
Developer Tools: Git, Azure, Microsoft Fabric, Linux ,Google Cloud Platform, VS Code, PyCharm, Power BI
Libraries: Pyspark, NumPy, TensorFlow, Matplotlib, OpenCV, NLTK, XGBoost, Scikit-learn, Pandas
Gen AI: Fine-tuning LLMs, multi-agent AI, Conversational AI, Prompt Engineering
Machine Learning: Deep Learning, Transformers, Natural Language Processing, Reinforcement Learning (RL), Neural Networks, Decision Trees, K-Means Clustering, Image Processing, Time Series Forecasting, Predictive Modeling

EXPERIENCE

MAQ Software / LinkedIn <i>Associate Software Engineer - Data Engineer</i>	Jan. 2025 – Jun. 2025 Noida, India
• Engineered 15 distinct Airflow DAGs for LinkedIn Flagship Backend team using Scala and Pyspark to automate data transformation workflows, achieving a 97% success rate in execution.	
• Integrated Azure Pipelines and Logic Apps to trigger email alerts for critical reporting workflows, immediately notifying stakeholders of data updates and anomalies, improving report accuracy by 15%.	
Reliance Industries Ltd. <i>Software Engineer Intern</i>	May 2024 – Jul. 2024 Mumbai, India
• Pioneered the adoption of Angular CLI and Spring Boot for the Visitor Management System, improving code maintainability and boosting team efficiency by 20%, which accelerated feature delivery for 10,000+ daily visitor entries across Reliance facilities.	
• Developed an OpenCV-based module to automate visitor card data capture with 98% accuracy, reducing manual entry errors and strengthening security compliance by ensuring reliable visitor identity verification.	
Techs Network <i>Machine Learning Intern</i>	May 2023 – Aug. 2023 Bengaluru, India
• Developed a resume screening model using TensorFlow and XGBoost, achieving 95% accuracy in identifying qualified candidates based on keyword relevance and experience level.	
• Accelerated an LSTM model using TensorFlow, achieving a 12% improvement in stock prediction accuracy compared to the baseline model, providing more insights for the investment team.	

PROJECTS

Discover Your Exoplane <i>Flask, Pandas, Numpy, Keras, Tensorflow, fpdf, Docker</i>
• Built a Flask web application utilizing deep learning models to classify potential exoplanets and reduced data processing time by 15%.
• Explored & evaluated CNN & CNN+LSTM hybrid models; achieved a 97.85% accuracy on the Kepler labeled time series dataset based on light curve intensity of the planets.
Heart Rate Calculation using Remote Photoplethysmography <i>Python, Pytorch, QtGui, QtCore, cv2, SciPy, Git</i>
• Engineered a remote photoplethysmography (rPPG) system using computer vision and signal analysis to measure heart rate from facial videos, leveraging Python and PyTorch. Achieved a mean absolute error of 5 BPM compared to industry-standard ECG, demonstrating accuracy and scalability of non-contact health monitoring.
Sales Prediction AI Dashboard <i>Python, Flask, MongoDB, Express, React, Node, Git</i>
• Delivered an AI-powered sales prediction dashboard using ARIMA and Prophet model and time-series analysis, providing daily, weekly, and monthly trend breakdowns with 95% accuracy, thereby improving resource allocation.