Narendranath Reddy Reddy

Richardson, TX, 75080 | +1 (469) 861-8718 | narendranathreddy333@gmail.com | Linkedin | Github | Portfolio

SUMMARY: Data Scientist with 2+ years of experience in predictive modeling, statistical analysis, and end-to-end machine learning pipeline development. Proficient in Python, SQL, and cloud platforms (AWS, Azure, GCP). Proven ability to extract insights from complex data and communicate findings to stakeholders. Passionate about solving business problems with data-driven solutions.

EDUCATION

Master of Science, Data Science Aug 2022 - May 2024
University of North Texas **GPA:** 3.83 / 4.0

- Machine Learning, Natural Language Processing, Big Data Analytics, Advanced Operating Systems, Computer Architecture, Data Mining, Artificial Intelligence, Multicore Programming

CERTIFICATES: Build GANs and Diffusion Models with TensorFlow and PyTorch[link], SQL for Data Analysis[link], Power BI: Dashboards[link]

Bachelor of Technology, Computer Science Engineering Aug 2017 - May 2021
BNM Institute of Technology - Bengaluru (BNMIT) **GPA:** 8.7 / 10

- Data Structures and Algorithms, Operating Systems, Computer Architecture, Cybersecurity *(introductory coursework in cybersecurity)*, High-Performance Computing

Achievements : First Place in the Innovative Project Lab Competition for exceptional project development [link]. Participated in a 2-day National Level Workshop on "Mobile Control Robotics"[link], Attended a workshop on I/O Interfacing with Embedded Systems, enhancing skills in robotics and embedded technology.[link]

TECHNICAL SKILLS

Languages	:	Python, SQL, C++, Java, JavaScript
Data Tools	:	Snowflake, Power BI, Tableau, MLflow, Databricks, Git, Docker
Cloud Platforms	:	AWS (S3, EC2, Lambda), Azure (ADF, Synapse), GCP (BigQuery, Cloud Functions)
Libraries/Frameworks	:	NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, Keras, OpenCV, Spacy, NLTK, BERT, HuggingFace
Other Skills	:	Machine Learning, Deep Learning, NLP, Data Visualization, Statistical Modeling, A/B Testing, Feature Engineering, Model Deployment

PROFESSIONAL EXPERIENCE

Data Research Analyst | **Python, SQL, AWS, Tableau, Power BI, and Git** July 2024 - Present
Community Dreams Foundation *Dallas, TX, USA*

- Performed variance analysis, pricing modeling, and forecasting using SQL, Python, and Excel, leading to a 10% reduction in budget variance and an 18% improvement in forecasting accuracy.
- Developed Power BI and Tableau dashboards to visualize KPIs and customer retention insights; collaborated with cross-functional teams to drive data-informed decisions, increasing retention by 7% and enhancing operational efficiency.

Data Analyst | Python, SQL, Power BI Sep 2020 - July 2022
WFconnect Technologies Limited *Bengaluru, KA, India*

- Created and maintained dashboards in Power BI, enabling leadership to track KPIs and improve decision-making efficiency by 30%.
- Executed SQL-based ETL queries to clean and standardize datasets, increasing data reliability across reporting workflows.

Full Stack Developer Intern | **Java**, **Spring**, **JavaScript** [link] June 2020 - Aug 2020
Glisten Project Solutions Pvt. Ltd *Bengaluru, KA, India*

- Improved software system UI and functionality using Java, Spring, and JavaScript..
- Collaborated with a dynamic development team to design and deploy scalable web applications.

AI Intern | **Python**, **TensorFlow**, **PyTorch, Spacy, NLTK** [link] July 2019 - Aug 2019
Tequed Labs *Bengaluru, KA, India*

- Developed a machine learning-based college recommendation system to assist students in selecting institutions based on PUC marks.
- Executed data preprocessing, feature engineering, and model evaluation to ensure high accuracy and reliability

SELECTED PROJECTS

Optimizing and Forecasting Future Electricity Bills | **Machine Learning, Data Analysis, Model Evaluation** [link]

- Engineered a **Gradient Boosting model** to forecast **electricity consumption** and optimize **cost savings** through **solar integration**, reducing **projected billing variance** by **25%**.

Extractive Text Summarization with Graph-Based Architectures | **NLP, Graph Theory, Machine Learning** [link]

- Built an **NLP model** using **graph-based architecture**, combining **TF-IDF** and **BERT embeddings** to improve **semantic understanding** and deliver high-quality **extractive summaries** for long-form text documents.