

Nikita Pardeshi

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PROFESSIONAL SUMMARY

Data professional with 3+ years' experience in ETL and visualization. Skilled in Python, SQL, and automating data solutions with strong ability to understand business requirements and work with cross-functional teams.

WORK EXPERIENCE

Barclays | AWS, Python, REST API, SQL, Tableau **Whippany, NJ**
Data Analyst Jun 2023-Present

- Designed and automated data infrastructure deployment with AWS, managed databases using RDS and integrated Chef for configuration management reducing deployment time by 60%.
- Set up and managed Amazon Redshift clusters and performed complex SQL querying for data analysis and reporting.
- Collaborated with cross-functional teams to understand data needs and provide KPIs for product consumption and trend analysis contributing to a 10% cost reduction in operations.
- Developed a custom ETL application in Python and Flask, significantly reducing data integration and cleaning efforts.

Northwestern University | BigQuery, Looker, Python **Chicago, Illinois**
Data Management Assistant Jan 2023-May 2023

- Extracted, cleaned, and stored Chicago crime data with Python and GCP BigQuery SQL.
- Developed data dashboards with Microsoft Looker and Plotly DASH, boosting decision-making by 25%.

Ready Tensor, Inc. | Python, R, AWS, Docker **San Diego, CA**
Machine Learning Engineer Intern Jun 2022-Aug 2022

- Implemented machine learning algorithms (AdaBoost, XGBoost, ElasticNet, Random Forest, SGD, SVM, ARIMA, SARIMA, Exponential Smoothing) in Python and R, with hyperparameter tuning.
- Developed Docker images for real-time model training and testing, deploying models on AWS with SageMaker, Lambda, and EC2.

SkyQuest Technology Group | NLP, Python **Gujrat, India**
Data Scientist Jan 2021-Jul 2021

- Achieved 85% accuracy by optimizing BERT models for News Analytics (NLP).
- Automated data collection, indexing, search, summarization, text analytics, and visualization of Company Earnings Call transcripts, overseeing a team of 10 data science interns.

Data Analyst Intern | Power BI, Streamlit May 2020-Dec 2020

- Conducted patent data analysis and network analytics in Power BI and Streamlit using Python

EDUCATION

Georgetown University- The Graduate School of Arts and Sciences **Washington, DC**
Master of Science in Data Science and Analytics; GPA: 3.78/4.0 Aug 2021-May 2023

University of Mumbai- Thadomal Shahani Engineering College **Mumbai, India**
B.E. Electronics and Telecommunication; GPA: 3.7/4.0 Aug 2016-May 2020

TECHNICAL SKILLS

Languages: Python, R, JavaScript, SQL, Bash, Ruby, HTML/CSS

Frameworks: CHEF Automation, NLTK, SpaCy, Gensim, TensorFlow, Keras, Django, Flask, Apache Spark (PySpark), Hadoop MapReduce, HiveQL

Cloud: AWS- EC2, Lambda, S3, Cloud9, Sagemaker, Redshift, RDS, EMR, Hadoop User Experience (HUE), Kinesis, Kafka, GCP- BigQuery

Tools: Docker, GIT, Tableau, Microsoft Looker, Power BI, Atlassian- Jira, Confluence