Nandani Rouniyar

Contact Information:
Stillverksveien 16, Lillestrøm, 2004
Mobile: +4747737457
Email: nandanirouniyar11@gmail.com
Github: https://github.com/nandani537
Portfolio: nandani537.github.io/Nandani-Portfolio
LinkedIn: https://www.linkedin.com/in/nandani-rouniyar-218b83231/

PROFESSIONAL SUMMARY

I am a highly analytical and result-oriented data enthusiast with in-depth knowledge of data preprocessing, feature engineering, and model evaluation, specializing in healthcare and telecommunications. Proficient in Python, TensorFlow, and PyTorch, applied machine learning techniques to large datasets. Fluent in English and improving my Norwegian, I bring strong problem-solving skills to drive actionable insights and profitability.

EDUCATIONAL BACKGROUND

Masters in Applied Computer and Information Technology from OsloMet University, Norway, Aug 2024

Bachelor of Technology in Electronics and Communication Engineering
Lovely Professional University, India, Aug 2012 ∼ Jul 2016(CGPA - 7.76 out of 10)

WORK EXPERIENCE

Senior Machine Learning Engineer   Jan 2024 ∼ May 2024

Vyobotics Pte.Ltd, Singapore

- Developed and deployed a CNN model in Python with Tensorflow, achieving 90% accuracy and improving image processing by 25%.
- Performed data preprocessing and feature engineering in Python, to improve workflow efficiency and model accuracy by 15%.

Data Analyst   Jul 2022 ∼ Nov 2023

Haleon Repeatable Growth Model (WNS Global Services Pvt Ltd), India

- Used Python to forecast trends, enhance business intelligence, align strategies, and increase market share.
- Created over 20 ad-hoc reports with Power BI and Python, simplifying complex data for stakeholders and influencing decisions.
- Executed extensive data preprocessing and feature engineering on large healthcare datasets, enhancing model accuracy and cutting processing time by 20%.

Data Analyst   Jul 2020 ∼ Jun 2022

GlaxoSmithKline Healthcare (WNS Global Services Pvt Ltd), India

- Enhanced predictive accuracy with Python-based machine learning models, aiding strategic decision-making with a 20% improvement in forecast accuracy.
- Optimized healthcare analytics data models, improving query performance with SQL.

Senior Engineer   Aug 2019 ∼ Jun 2020

Vodafone Idea Cellular Ltd (Futureware Technologies Pvt Ltd), India

- Developed a customer churn prediction model with data processing and feature engineering in Python, enhancing retention rates with 89% sensitivity.
- Led projects, simplifying concepts for non-technical stakeholders and improving team collaboration by 20%.
- Coordinated teams for efficient data preprocessing, producing 30% faster models and 10+ accurate reports using Power BI and Python.

Assistant Engineer   Jan 2019 ∼ Jul 2019

Aditya Birla Group (Futureware Technologies Pvt Ltd), India

- Designed ETL processes handling up to 10 terabytes of data monthly, focusing on efficient data preprocessing and alignment with project requirements.
- Implemented Power BI dashboards that utilized advanced data preprocessing techniques to improve monitoring and network optimization by 30%.

Graduate Executive Trainee   Sep 2016 ∼ Dec 2018

Aditya Birla Group (Futureware Technologies Pvt Ltd), India

- Acted as a planning team member in different domains, including RF, Quality, Transmission, and Data analytics.
- Developed dashboards for network optimization using advanced data visualization techniques with Power BI.

TRAINING & INTERNSHIP

- In Coslight India Telecom Pvt Limited (CITPL, Una, India), gained knowledge about HT Automation Control with SCADA system & LT Control with PLC system and Automation control 2015 (1-month duration).

JOB RELATED SKILL

Programming Languages: Python, R
Machine Learning Frameworks: Scikit-learn, TensorFlow, PyTorch
Python Libraries: Numpy, Pandas, Transformers, Xgboost
Database Management: SQL Server, MySQL
Model Management: MLflow
DevOps Tool: CI/CD pipelines, Git, Github Actions
Data Preprocessing: Data cleaning, feature engineering, dimensionality reduction
Data Visualization: Power BI, Matplotlib, Seaborn
Soft Skills: Strong collaboration, analytical thinking, and ability to multitask effectively

LANGUAGES

English (PTE score of 67, March 2025), **Norwegian** (A2 Level, actively learning).

COURSES

- Mastering DAX Calculations in Microsoft Power BI, Udemy
- Python Programming Masterclass, Udemy
- Retail Customer Analytics and Trade Area Modelling, Udemy
- Master Statistics and machine learning: intuition, math, code, Udemy
- Elements of AI, University of Helsinki

DECLARATION

- I hereby declare that all the above information furnished about me is true to the best of my knowledge and belief.
  Nandani Rouniyar