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Professional Summary

Data Scientist with 6+ years of experience in neural networks, machine learning, and real-world data regression models. Strong academic background in Data Science with hands-on industry use cases. Passionate about innovation, productivity, and advanced AI systems.

Work Experience

Data Scientist

Net Connect Globals | Bangalore | Dec 2024 – Present

- Developed ML models to predict customer churn using historical transaction data
- Used XGBoost, Random Forest, Logistic Regression to achieve 94% prediction accuracy
- Implemented RFM analysis and SQL for feature engineering
- **Tools:** Google Colab, Jupyter, SQL, Python, Git, Classification Models

Data Scientist

Ielektron Technologies Pvt Ltd | Bangalore | Nov 2021 – Dec 2024

- 3.5 years experience in designing/deploying Computer Vision and Multi-Modal ML models for ADAS
- Engineered EfficientNet-B3 and LSTM models for driver behavior analysis (85% precision, 25% false alert reduction)

- Used MediaPipe Face Mesh (468 landmarks) and head pose estimation for occlusion challenges
- Built CNN-XGBoost hybrid architecture using TensorFlow and SciPy (92% recall on edge cases)
- **Tools:** PyCharm, AWS, Git, Python, SQL, Databricks

Data Analyst

Wipro Ltd | Bangalore | Feb 2018 – Nov 2021

- Promoted from Project Engineer to Data Migration Expert
- Extracted and migrated client data; performed feature analysis per business needs
- Translated business requirements into analytical approaches
- Worked with SQL, MySQL, and ETL tools
- **Tools:** Syniti ETL, Python, SQL

Education

- **Masters in Data Science**, Deakins University (Feb 2024)
- **Post Graduate in AI & ML**, University of Texas at Austin (Oct 2020)
- **BE in Computer Science**, Visvesvaraya Technological University (May 2018)

Projects

Recipe Recommendation System

- Recommended dishes based on user-provided recipes
- Used NLP, collaborative and content-based filtering
- Optimized for performance and computation efficiency

Pneumonia Detection System

- Assisted clinical decisions with inflammation localization

- Built using Mask R-CNN, ResNet, Transfer Learning
- Achieved 94.8% accuracy, 85% mean IOU

Face Recognition & Interaction System

- Built face detection + recognition using Siamese Networks and CNN
- Integrated text-to-speech and voice-to-text using NLP
- Achieved 96.07% accuracy

Skills

Machine Learning: Supervised & Unsupervised Learning, KNN, Random Forest, Decision Trees, SVM, Naive Bayes
Deep Learning: ANN, CNN, LSTM, DNN
Libraries: Pandas, NumPy, SciPy, Scikit-learn, Keras, NLTK
Statistical Analysis: Predictive Modeling, PCA, Dimensionality Reduction, EDA
Visualization: Tableau, Matplotlib, Seaborn, OpenCV, Excel
Programming: Python, C++, Shell
Databases: SQL, MySQL, Oracle, MongoDB

Awards & Recognition

- **Bravo Award (2022)** – For best performance and support
- **Star of the Month (June 2021)** – Performance recognition
- **DAAI Circle of Excellence (2020)** – Contribution to winning team
- **Execution Excellence Award (2019)** – From Philips Account, Technology BU
- **Ed Support Volunteer (2018)** – At Make A Difference NGO
