

ILAKKIYAN G

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Objective

Final-year B.Tech student in Artificial Intelligence and Data Science with practical experience in machine learning, data analytics, and Python. Seeking a Data Analyst or ML Engineer role where I can apply and expand my skills in AI and data-driven decision making.

Technical Skills

Languages: Python, SQL, Java

Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch

Tools: Power BI, VS Code, Jupyter Notebook, PostgreSQL

Concepts: EDA, Machine Learning, Deep Learning, NLP, Time Series Analysis

Internships

Adroid Connectz (Jul 2024 - Aug 2024): Worked on data science and web development projects using Python, Pandas, NumPy. Built an e-commerce website using HTML, CSS, JavaScript. Gained exposure to deep learning, image processing, NLP, and blockchain.

Codsoft (Oct 2023 - Nov 2023): Built ML models for movie genre classification, spam detection, and churn prediction. Applied feature engineering and model optimization techniques.

Technohack (Online): Developed ML models to predict wine quality, house prices, and diabetes progression. Enhanced accuracy using statistical analysis and model tuning.

Education

B.Tech in Artificial Intelligence and Data Science - Ramco Institute of Technology (CGPA: 7.87 up to 6th semester)

HSC - Achyuta Academy Matric Hr. Sec. School (85.5%)

SSLC - Shri Gurumuki Vidhyasshram (83.5%)

Projects

Face Mask Detection - Used deep learning to detect face masks from images. Utilized labeled datasets and XML annotations from Kaggle.

Diabetes Prediction Model - Built a PyTorch-based neural network to predict diabetes with 77% accuracy. Included data preprocessing and evaluation pipeline.

Hotel Management System - Designed a food ordering website using HTML, CSS, and JavaScript with customer order tracking.

Cryptocurrency Dashboard - Created an interactive Power BI dashboard for tracking crypto prices, trading volume, and trends.

Certifications

- Data Science & ML - Udemy
- Python for ML - Udemy
- AI in Python - Udemy
- Big Data Programming - Udemy
- Python Essentials & Data Analytics - Cisco
- Introduction to Data Science - Cisco
- AI with Python - Great Learning

Competitions & Webinars

EY Techathon 4.0 - Participated in solving real-world problems using ML.

Learn Square Bootcamp - Attended 3-day Data Science bootcamp by Learn Square Technology (Jul 12-14, 2024).

Languages & Interests

Languages: Tamil, English, Hindi (read-only)

Hobbies: Football, Cricket