

Adhil Fayadh V
Data Scientist

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PROFESSIONAL SUMMARY

M.Sc. Computer Science (AI) graduate skilled in Python, SQL, Machine Learning, Deep Learning, NLP, and Power BI. Experienced in developing AI solutions including BERT-based Fake News Detection and satellite imagery classification using ResNet101. Seeking an entry-level Data Scientist or AI/ML Engineer role.

TECHNICAL SKILLS

Programming : Python, C, SQL, JavaScript, HTML, CSS, R
Machine Learning : Supervised Learning, Unsupervised Learning, Regression, Classification, Model Evaluation
Deep Learning : CNN, RNN, BERT, TensorFlow, Keras
Data Analysis & Visualization : Power BI, Pandas, NumPy, Matplotlib, Microsoft Excel, EDA
Tools & Technologies : Google Colab, VS Code
Database : MySQL
Core Skills : NLP, Data Cleaning, Data Visualization, Statistical Analysis, Feature Engineering

EXPERIENCE

Data Science Intern | Luminar Technolab, Kochi May 2025 – June 2025
– Assisted in data cleaning, preprocessing, and exploratory data analysis (EDA) using Python and related data science tools
– Worked on machine learning and data visualization tasks using real-world datasets to gain practical experience in data-driven problem solving.
– Generated reports and visualizations to identify trends and support data-driven decision-making using Python and Power BI.

EDUCATION

Central University of Kerala **M.Sc. in Computer Science (Artificial Intelligence)** | CGPA: 6.74 July 2024 – May 2026
– **Coursework:** Deep Learning, Data Analytics Using Python, Machine Learning, Natural Language Processing, Data Mining, Advanced Data Structures, R Programming, Image Processing, Pattern Recognition, Python Programming, Computer Network Security
Calicut University **Bsc Computer Science** | GPA: 6.017 August 2021 – May 2024

PROJECTS

Landslide Prediction Using Satellite Imagery | Python, ResNet101, Deep Learning July 2025 – November 2025
– Developed a landslide prediction model using satellite imagery and deep learning techniques for automated landslide classification.
– Applied image preprocessing, data augmentation, and feature extraction methods to improve model performance and detection accuracy.
– Evaluated CNN-based approaches for disaster prediction and environmental monitoring applications.
BERT with Differential Evolution Optimization for Accurate Fake News Detection | Python, BERT, NLP, TensorFlow 2026
– Built an NLP-based fake news detection system using BERT for feature extraction and text classification.
– Implemented Differential Evolution optimization to tune hyperparameters and improve classification performance.
– Achieved accurate classification of fake and real news articles using deep learning and natural language processing techniques.
House Price Prediction | Python, Scikit-learn, Linear Regression, Pandas 2025
– Developed a machine learning model to predict house prices based on property features and historical housing data.
– Performed data cleaning, exploratory data analysis, and feature engineering to improve prediction accuracy.
– Implemented Linear Regression and evaluated model performance using standard regression metrics.

LANGUAGES

- English (Professional Proficiency)
- Malayalam (Native Proficiency)
- Hindi (Working Proficiency)