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OBJECTIVE

B.Tech Computer Science graduate specializing in data analysis and machine learning, with hands-on experience building end-to-end ML pipelines and NLP classifiers using Python, XGBoost, SQL, and Scikit-learn, and interactive dashboards in Power BI. Seeking an entry-level position where I can apply my technical and analytical skills to solve real-world problems, contribute to organizational goals, and grow as a professional.

SKILLS AND INTERESTS

Programming & Development	Python, Dart, Git/GitHub Flutter for mobile application development
Data & Analytics	Power BI, DAX, Tableau, Excel, EDA, Machine Learning
Databases	MySQL, Firebase
Soft Skills	Critical thinking, Data-driven decision making, Problem solving

EDUCATION

Jyothi Engineering College, Thrissur, Kerala Nov 2021 - April 2025
Bachelor of Technology in Computer Science

INTERNSHIPS & TRAINING

Data Analyst Trainee | Besant Technologies, Bangalore Aug 2025 - Jan 2026

- Cleaned and analyzed structured datasets using Python, SQL, and Excel, performed exploratory data analysis to identify trends, and built interactive Power BI dashboards to track KPIs and present business insights.
- Developed and evaluated machine learning models including preprocessing, training, and performance assessment using confusion matrix and classification reports.

Flutter App Development Intern | ICT Academy of Kerala Jun 2024 - Jul 2024

- Built a Habit Tracker application frontend using Flutter and Dart, implementing responsive UI layouts and clean Material Design components.
- Implemented reusable custom widgets and managed app state to enhance performance and user experience.

CERTIFICATIONS

- **Cloud Computing Certificate** (National Institute of Technology Calicut)
- **Python for Data Science by IBM**
- **Flutter App Development** (ICT Academy of Kerala)

PROJECTS

EvacSmart - Disaster Management App | Flutter, Firebase, Python(KNN), Scikit-Learn

- Built a real-time disaster management application with alerts, evacuation routes, and reporting features.
- Implemented ML-based disaster prediction model using Python.
- Integrated geolocation services and navigation APIs for safe-route guidance.

Fake Review Detector | Python, Scikit-learn, NLP

- Built a fake review detection pipeline using Python and Scikit-learn, comparing 4 ML models with TF-IDF and NLP feature engineering.
- Achieved ~95% ROC-AUC with Random Forest using signals like exclamation density, reviewer history, and burst detection

Remote Workforce Analytics Dashboard | Power BI, DAX

- Built a 3-page interactive Power BI dashboard analyzing burnout, productivity, and remote work satisfaction across 100 employees in 6 countries.
- Used DAX measures to uncover insights such as Product Managers having the highest burnout (57.78) and hybrid workers leading in communication effectiveness.

Online Payment Fraud Detection System | Python, Scikit-learn, Random Forest

- Built an online payment fraud detection system in Python using Decision Tree and Random Forest classifiers trained on transaction type, amount, and balance features.
- Evaluated model performance using confusion matrix and classification report, with Random Forest outperforming Decision Tree in fraud identification accuracy.

Dark Pattern Detection | Python, XGBoost, NLP, Power BI

- Built a dark pattern detection system using XGBoost and NLP to classify UI patterns across e-commerce websites.
- Visualized detection results and pattern categories through an interactive Power BI dashboard to support findings analysis.