

KRITHIK KOTIAN

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PROFESSIONAL SUMMARY

Data professional who delivers measurable business impact through advanced analytics. Built comprehensive fraud detection systems, improved customer retention strategies, and optimized inventory forecasting. Consistently exceeded performance benchmarks across financial services, e-commerce, and cloud technology projects.

EXPERIENCE

Data Analytics & AI Simulation Jul 2025

Tata Group — Remote — Forage Internship

- Conducted data analysis using AI tools, improving model accuracy by 15%
- Built predictive framework for customer risk assessment to reduce financial losses
- Designed AI-driven collections strategy with automation and compliance

Forensic Data Analytics Simulation Jun 2025

Deloitte Australia — Remote — Internship

- Completed comprehensive data analysis and forensic technology simulation for business intelligence
- Developed interactive data dashboard using Tableau for data visualization and reporting
- Performed data classification and statistical analysis using Excel to drive business insights

Data Science Intern Oct 2024 - Nov 2024

YBI Foundation — Remote — Internship

- Used Python (Pandas, NumPy) and TensorFlow on Google Colab for ML projects
- Applied statistical techniques and visualizations for model enhancement
- Implemented ETL pipelines using Python and cloud platforms to extract, transform, and load data from multiple sources for scalable analytics

PROJECTS

Financial Fraud Detection System

- Built ETL pipeline to process 280K+ credit card transactions with data cleaning and feature creation
- Created real-time dashboard with data visualization and automated fraud prediction capabilities

Customer 360° Analytics & Churn Prediction

- Developed machine learning models using Logistic Regression, Random Forest, and XGBoost achieving 87% prediction accuracy
- Created model explainability visualizations and interactive dashboards for stakeholder reporting and customer analytics

Smart Insights For Hiring & Retention

- Built an HR analytics dashboard using Python, SQL, Pandas, and Streamlit to track employee attrition, hiring, and performance
- Used OpenAI for auto insights and deployed on Streamlit Cloud, helping HR teams save time and make faster decisions

TECHNICAL SKILLS

Programming: Python, SQL, R, JavaScript, C, C++

ML/AI: TensorFlow, Scikit-learn, XGBoost, Random Forest, SVM

Data Analysis: Pandas, NumPy, Matplotlib, Seaborn

Visualization: Power BI, Tableau, SHAP

Cloud: AWS, Azure, GCP, Docker

GenAI: LLMs, Prompt Engineering, OpenAI GPT

Databases: SQL Server, MySQL, PostgreSQL, MongoDB

Development: Git, API Integration

CORE COMPETENCIES

- Machine Learning & Deep Learning Implementation
- Exploratory Data Analysis (EDA) & Statistical Modeling
- Data Pipeline Development & ETL Processes
- Dashboard Development & KPI Tracking
- Business Intelligence & Analytics Solutions
- Customer Behavior Analytics & Churn Prediction
- Statistical Analysis & Hypothesis Testing
- Data quality management

CERTIFICATIONS

2022: AWS Data Analytics QuickSight Professional

2023: AWS Machine Learning

2024: Udemy - Data Science Specialization

2025: Microsoft Get started with Data Analytics

2024: Databricks Academy - Generative AI Fundamentals

EDUCATION

Bachelor of Engineering - Computer Science 2021-2025

P A College of Engineering, Mangalore

LANGUAGES

English, Hindi, Kannada, Malayalam

PROFESSIONAL INTERESTS

Artificial Intelligence, Machine Learning Research, Financial Technology, Data Visualization, Cloud Computing, Business Intelligence, Predictive Analytics