ANANDHAKRISHNAN MR

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EXECUTIVE SUMMARY

Strategic and insights-focused MSc graduate in Applied AI and Data Science with 3+ years of cross-functional experience in business development and logistics operations. Proficient in deploying machine learning models, building scalable data pipelines, and delivering interactive analytics using Python, SQL, and Streamlit. Demonstrated success in leading teams, optimizing processes, and translating complex data into business-aligned solutions. Known for strong stakeholder engagement, data storytelling, and driving data maturity across projects. Eager to contribute to innovation-focused roles where data science meets operational excellence.

EDUCATION

MSc – Applied Artificial Intelligence and Data Science
Solent University, United Kingdom | 2024 – 2025
- Modules: Deep Learning, Big Data Analytics, Neural Networks, AI Foundations, Data Visualization
- Tools: Python, SQL, Tableau, Power BI, Streamlit, Weka

B.Tech – Electronics and Communication Engineering
PRIST University, India | 2014 – 2018
- Specialized in: Communication Systems, Embedded Systems, DSP

RELEVANT PROJECT EXPERIENCE

AI-Based Cardiovascular Disease Risk Prediction
Healthcare ML Project | Python, Tableau, Scikit-learn

- Developed classifiers (Logistic Regression, SVM, Gradient Boosting) to predict cardiovascular risk using real-world health data.
- Conducted regional demographic analysis and visualized clinical trends for NHS-aligned decision-making.
- Delivered an interactive dashboard for healthcare stakeholders to compare regional risk levels.
- **Impact:** Supported clinical insight generation and health-risk profiling for preventive care.

Flood Risk Prediction & Geospatial Mapping System
Environmental Data Science Project | Python, Streamlit, U-Net, Random Forest
- Built an AI-driven early warning system using U-Net for flood zone mapping and XGBoost for structured risk classification.
- Processed 50,000+ data records with GIS integration and delivered an interactive Streamlit dashboard.
- **Impact:** Enabled real-time spatial visualization of vulnerable regions to support emergency planning.

Cryptocurrency Trade Analyzer
Financial Automation Project | LSTM, ARIMA, Streamlit
- Created an automated forecasting platform combining LSTM and ARIMA with real-time news feeds and price simulations.
- Reduced manual workload by 40% using pipeline automation and scenario modelling.
- **Impact:** Showcased potential for automation and engineering in real-time decision systems.

Student Performance Documentation Tool
Education Analytics Project | Python, Pandas, Matplotlib
- Designed a modular tool to extract, clean, and analyze academic data (scores, attendance, parental involvement).
- Enabled educational stakeholders to track key metrics via visual dashboards.
- **Impact:** Facilitated data-informed decisions in academic institutions.

Tornado Safety Chatbot (UK Context)
NLP + Public Safety Project | PyTorch, Tkinter, NLTK
- Developed an emergency response chatbot providing region-specific safety guidance.
- Integrated real-time conversation handling for tornado preparedness.
- **Impact:** Demonstrated public-facing, AI-powered communication system design.

PROFESSIONAL EXPERIENCE

Senior Business Development Associate
BYJU'S Learning App Pvt Ltd – India | Aug 2020 – Feb 2022
- Led a 8-member sales team in a high-performance, target-driven environment.
- Created data-aligned sales reports and proposals, improving conversion strategies.
- Coordinated across marketing and product teams to deliver tailored client solutions.
- **Transferable Skills:** Client engagement, KPI tracking, collaboration across departments.

Logistics Operations Supervisor
Choice Communications (Amazon Fulfillment) – India | Sep 2018 – July 2020
- Supervised warehouse team handling Amazon e-commerce logistics
- Managed daily e-commerce logistics, shipment coordination, and team workflows.
- Improved warehouse operations through process optimization and team training.
- **Transferable Skills:** Operational efficiency, time management, documentation accuracy

SKILLS & COMPETENCIES

- **Languages & Tools:** Python, R, SQL (MySQL, PostgreSQL), Git, Docker, C/C++, HTML/CSS
- **Libraries/Frameworks:** Scikit-learn, TensorFlow, Keras, Streamlit, XGBoost, NLTK, ARIMA, U-Net
- **Visualization:** Tableau, Power BI, Matplotlib, Seaborn
- **Cloud & Automation (Learning Focus):** AWS (S3, EC2), Azure (Beginner), Docker, API integration, automation pipelines
- **Techniques:** Data Engineering, Feature Engineering, Classification, Forecasting, NLP, GIS Mapping
- **Soft Skills:** Communication, Collaboration, Leadership, Problem-Solving, Documentation

CERTIFICATIONS
- **Google Data Analytics Professional Certificate**
- **Cisco Certified Network Associate (CCNA)**
- **Cisco Certified Network Professional**