Archit Kiran Kumar

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Education

Boston University	**Boston, MA**
Master of Science in Computer Science	**2025 − 2027 (Expected)**
Ramaiah Institute of Technology	**Bangalore, India**
Bachelor of Engineering in Computer Science and Engineering	**2021 − 2025**

Experience

Data & Front-End Intern	**Bangalore, India**
Millicent Technologies	**Mar 2025 − Jul 2025**

- Analyzed customer interaction and usage datasets from 1,200+ users using SQL and Python, developing 8+ dashboards in Tableau/Excel to monitor KPIs, data quality metrics, and operational performance for 3 cross-functional teams.
- Built automated ETL data pipelines processing 100K+ records daily and API integrations, reducing reporting delays by 30% and improving data availability across the organization.
- Collaborated with 5+ cross-functional stakeholders to define business requirements, align 20+ metrics, and ensure data consistency across multiple sources.

Data Analyst Intern	**Bangalore, India**
InternPe	**Apr 2024 − Sep 2024**

- Developed 25+ SQL queries and Python scripts to extract, transform, and load (ETL) 200K+ business records, performing exploratory data analysis (EDA), statistical analysis, and anomaly detection to improve data accuracy by 25%.
- Created 10+ Excel dashboards and BI reports to track KPIs and operational metrics, supporting data-driven decision-making for 3+ leadership stakeholders.
- Executed data cleaning, data validation, and schema alignment on 8 database tables, improving dataset integrity and reporting consistency by 40%.

Projects

- **Live Traffic Data Analytics System** — **Aug 2024 − Sep 2024**
  Built distributed ETL data pipelines processing 2M+ records using PySpark and SQL, performing exploratory data analysis and developing interactive dashboards for traffic pattern insights.
- **Metric Reconciliation & Debugging Dashboard** — **Oct 2025 - Nov 2025**
  Detected and explained KPI mismatches between Finance and Growth revenue definitions using DuckDB, SQL pipelines, data validation, and interactive Streamlit dashboards.
- **Corporate Financial Intelligence Dashboard** — **Nov 2025 − Dec 2025**
  Automated financial analysis extracting real-time data via API for public companies using Python, calculating 10+ business KPIs (revenue growth, margins, FCF, ROE) with Plotly visualizations.
- **Boston Crime & Housing Prediction System** — **Sep 2025 - Aug 2025**
  Developed predictive models using Python, machine learning, statistical analysis, and feature engineering to analyze risk patterns and affordability trends with dashboard reporting.

Skills

Data Analytics: SQL, Python (Pandas, NumPy), R, Excel, Statistical Analysis, A/B Testing, Hypothesis Testing
Data Management: ETL/ELT Pipelines, Data Validation, Data Quality, Data Modeling, Database Design
Visualization & BI: Tableau, Power BI, Plotly, Streamlit, Dashboard Development, Reporting Automation
Machine Learning: Scikit-learn, Classification, Regression, Feature Engineering, Predictive Analytics
Professional: Stakeholder Communication, Cross-functional Collaboration, Problem Solving, Business Analysis

Leadership & Activities

- Best Project Award recipient for national-level data-driven cybersecurity research.
- Data Club Lead: Guided 40+ students on SQL, dashboards, and analytics fundamentals.
- Hackathon Lead: Delivered an end-to-end analytics solution within a 24-hour timeframe.
- AICTE Volunteer: Supported digital literacy initiatives for 500+ learners.