

AMIT RAJ DEV

Data Analyst | AI Governance & Cloud Data Systems

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PROFESSIONAL SUMMARY

Results-driven Data Analyst with 4+ years of combined experience spanning cloud infrastructure, IT operations, and analytics, including hands-on work building an AI governance and bias-detection platform for healthcare data. Currently pursuing an M.Sc. in Data Analytics at the University of Niagara Falls Canada. Proven track record of transforming raw, messy datasets into executive-ready dashboards, fairness-audited models, and statistical reports that drive cross-functional decisions. Skilled in Python, AWS, SQL, Docker, and data visualization; holds Google and IBM data analytics credentials. Seeking to bring precision analytics, responsible-AI rigor, and a structured, audit-ready mindset to a Big 4 advisory or assurance practice.

CORE COMPETENCIES

Analytics & Data: Python (Pandas, NumPy, Matplotlib, Plotly), SQL, Predictive & Descriptive Modelling, Data Cleaning & Preprocessing

AI Governance & Fairness: Bias Detection, Demographic Parity, Disparate Impact, Equalized Odds, Calibration Error, Model Threshold Optimization, Responsible AI Auditing

Visualisation & BI: Flask/Plotly.js Dashboards, Interactive Web Dashboards (Python-embedded), Statistical Reporting, Excel / Google Sheets

Cloud & Infrastructure: AWS (IAM, KMS, EC2, S3, CodeDeploy), Docker, GitHub Actions CI/CD, Linux (OpenVPN, Firewall), ADDS, Active Directory

Networking & Security: IP/MPLS, FTTH, NMS Monitoring, CCTV/Biometric Systems, GNS3, EVE-NG, Packet Tracer

Soft Skills: Stakeholder Communication, Cross-functional Reporting, Audit-ready Documentation, Training & Facilitation

PROFESSIONAL EXPERIENCE

Platform & Operations Lead Intern – DDFA Platform (Data Analyst)

Feb 2026 – Present

Synod Intellicare | Brantford, ON

- Served as Platform & Operations Lead on the DDFA (Data-Driven Fairness Assessment) Platform, a healthcare AI governance and bias-detection system built with Python, Flask, AWS, Docker, GitHub Actions, and SQL.
- Built an end-to-end ML fairness pipeline (logistic regression, model calibration, threshold optimization) computing bias metrics — Demographic Parity, Disparate Impact, Equalized Odds, and Calibration Error — to support clinical AI governance decisions.
- Designed and delivered a real-time clinical governance dashboard (Flask + Plotly.js), giving 10+ stakeholders instant visibility into model fairness, system load, and project metrics, replacing manual status emails entirely.
- Executed end-to-end data cleaning pipelines (missing-value imputation, format standardization, anomaly removal) across 3 environment datasets (Dev / Staging / Production) and Synthea synthetic healthcare data, achieving fidelity sufficient for production-grade BI reporting.
- Hardened cloud security posture by implementing IAM access controls and KMS secrets management across 3 partitioned AWS environments, reducing unauthorized access risk and laying groundwork for SOC 2-aligned data governance.
- Engineered AWS CodeDeploy and GitHub Actions CI/CD pipelines that standardized deployment and release workflows, accelerating data pipeline iteration cycles and cutting manual deployment steps.

IT Support Engineer (Freelance)

Dec 2023 – Jan 2025

A.R.D. Nirman Sewa & IT Solutions | Nepal

- Delivered end-to-end IT support and network troubleshooting for small-to-medium business clients, maintaining near-continuous uptime across multi-site environments with zero reported critical outages during engagement.
- Designed and documented operational processes for client IT environments, producing structured technical reports used for ongoing maintenance planning, building a foundation in audit-trail documentation aligned with consulting delivery standards.

Information Technology Support Engineer

Dec 2022 – Nov 2023

DishHome | Kathmandu, Nepal

- Resolved 90%+ of an average 10–15 daily technical tickets within SLA targets, consistently exceeding first-contact resolution benchmarks across Tier 1 and Tier 2 incidents.
- Monitored and maintained full-stack infrastructure (DC, IP/MPLS, FTTH network, and servers) on a 24×7 shift rotation using multiple NMS platforms, ensuring continuous service for a large-scale ISP subscriber base.
- Deployed and secured 100+ CCTV cameras and 50+ biometric access control devices, delivering measurable improvements in facility security monitoring and operational oversight.
- Implemented Active Directory Domain Services (ADDS), certificate-based AppLocker policies, and OpenVPN support on Linux, strengthening endpoint security and access governance across the organization.
- Used GNS3, EVE-NG, and Packet Tracer to validate network equipment configurations in a lab environment before production deployment, reducing rollout risk on live infrastructure.

Product Training Executive

Feb 2020 – Jan 2022

CGCorpGlobal (CG Electronics) | Kathmandu, Nepal

- Led technical product research and delivered structured training programs for LG Electronics products, equipping sales and support teams with knowledge that directly supported customer satisfaction and sales performance.
- Developed training materials and curricula aligned to product specifications, demonstrating an early aptitude for translating complex technical information into clear, structured communication — a core Big 4 consulting competency.

EDUCATION

Master of Data Analytics

Apr 2025 – Oct 2026

University of Niagara Falls Canada | Niagara Falls, ON

Relevant coursework: Predictive Modelling, Data Mining, Statistical Inference, Cloud Data Systems

Bachelor of Technology

2015 – 2019

Aditya Engineering College | Andhra Pradesh, India

CERTIFICATIONS

- Google Data Analytics Certificate — Foundations: Data, Data, Everywhere
- IBM Data Fundamentals
- Google IT Support Professional Certificate
- IT Security: Defense against the Digital Dark Arts (Google)
- The Bits and Bytes of Computer Networking (Google)
- Additional Badges: Cisco, Microsoft (active pursuit of PL-300 Power BI Data Analyst Associate)