

Dorian Bugeja

Head of Data, Analytics & AI

Malta · bugejadorian@gmail.com · [LinkedIn](#)

NARRATIVE

Data engineering and analytics leader with over 15 years of experience designing and delivering data platforms for fintech and iGaming organisations. Experienced in building engineering teams, defining data strategy and delivering scalable platforms supporting analytics, operational reporting and AI initiatives while remaining hands-on with architecture and implementation.

PLATFORM ENGINEERING AT SCALE

I design data platforms for sub-second analytics on real money: Clickhouse clusters replacing batch OLAP, Apache NiFi flows ingesting 30+ source systems into a Snowflake lake, schema contracts enforced at the producer. The aim is observability first — every table tells you its owner, freshness, and lineage before it answers a query.

BUILDING & LEADING DATA TEAMS

At River Tech I grew the data team from a solo engineer to twelve across three geographies in eighteen months — three senior hires, two promotions, structured interview loops, and a weekly architecture review that doubled as mentorship. The team owns the platform end-to-end: ingestion through ML inference in production.

STRATEGY & BUSINESS IMPACT

My work shows up in numbers: a real-time fraud-detection system that surfaced €2M+ of suspect transactions in its first quarter, a Snowflake cost programme that took monthly spend down 38% without freezing users, and roadmap advice adopted by boards across two regulated iGaming operators in Malta.

SELECTED EXPERIENCE

Technology Consultant — Self-Employed

2026-04 – present

Providing consultancy services to fintech, iGaming and SaaS organisations in data architecture, analytics strategy, AI adoption, engineering leadership and platform modernisation.

- Advising organisations on data architecture, analytics and AI strategy
- Supporting engineering leadership, technical due diligence and platform modernisation
- Designing production-grade data platforms and real-time analytics solutions

Part-Time Lecturer — MCAST

2024-02 – present

Deliver undergraduate lectures in Natural Language Processing (NLP), covering modern NLP techniques, machine learning and practical LLM applications.

Head of Data & Analytics — Monkeytilt

2025-01 – 2026-04

Led the Data & Analytics function for a rapidly growing crypto-first iGaming platform in Las Vegas. Built the data platform from the ground up and, following organisational changes, assumed wider

responsibility across technology, infrastructure and production systems.

- Built the company data warehouse and reporting platform from scratch
- Implemented daily operational reporting and automated reconciliation for balances, payments and gaming transactions
- Developed affiliate reporting, player analytics and commercial KPIs including FTD, GGR, NGR, ARPU, ARPPU, retention and LTV

EDUCATION & CERTIFICATIONS

Education

- B.Sc (Hons) ICT, Computer Science & AI — University of Malta (2008-09–2011-06)
- M.Sc. AI (Big Data), Artificial Intelligence — University of Malta (2015-09–2016-12)

Certifications

- AWS Certified Solutions Architect - Associate (AWS, 2023)
- MCTS SharePoint 2010 Application Development (Microsoft, 2015)
- MCPS Microsoft Certified Professional (Microsoft, 2014)
- MS Programming in HTML5 with JavaScript and CSS3 (Microsoft, 2014)
- MCTS Microsoft BizTalk Server 2010 (Microsoft, 2015)

REFERENCES

Available on request