

NEIL CYRUS FERNANDES

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SUMMARY

Analytical and results-driven Data Consultant with experience in data engineering, business analysis, and digital transformation across financial services and IT projects. Skilled in SQL, Python, Tableau, Power BI, and data modelling, with proven ability to design technical solutions, manage stakeholders, and deliver actionable insights. Adept at working in Agile environments, gathering requirements, and turning complex problems into practical, data-driven solutions. Completed an MSc in Information Systems at the University of Sheffield, with a strong focus on applying analytics, modelling, and governance to real-world challenges in infrastructure, finance, and regulation.

EDUCATION

MSc Information Systems | The University of Sheffield, UK | (2:1) (2023-2025)

BSc Information Technology | Goa University, India | CGPA: 7.30/10 (2017-2021)

SKILLS

- Data & Technical Capabilities**
- Data manipulation & analysis: SQL, Python (Pandas, NumPy, Seaborn, Matplotlib), R (basic), IBM SPSS
- Data engineering: ETL (Informatica PowerCenter, IICS, Azure Data Factory, Unix scripting), Snowflake, DBT
- Data visualisation & reporting: Tableau, Power BI, Excel (pivot tables, macros)
- Version control & workflow: Git, CI/CD pipelines, Agile, Jira, Azure DevOps
- Statistical methods, predictive modelling, trend analysis
- Consulting & Management Capabilities**
- Business analysis: requirements gathering, process modelling (BPMN, UML), user stories, backlog refinement
- Stakeholder engagement: presenting insights, managing cross-functional teams, translating technical concepts into business language
- Project management: Agile/Scrum, Waterfall, WBS, DTL, risk & quality management

EXPERIENCE

Data Analyst/Developer

Capgemini Financial Services | October 2021-August 2023

- Delivered data transformation and reporting solutions on a multi-million-dollar modernisation programme, optimising SQL and ETL pipelines to cut data load times by 50% and improve efficiency by 90%.
- Built and maintained source-to-target mappings, ensuring high data quality across 50+ tables, resulting in accurate, streamlined data.
- Optimised SQL queries and database performance, ensuring the reliability and efficiency of data extraction, transformation and validation processes by 80%.
- Partnered with stakeholders across business and technical teams to capture requirements and ensure solutions aligned with compliance, governance, and business objectives.
- Designed Tableau and Power BI dashboards to provide executives with clear visibility of financial KPIs, risk metrics, and performance drivers.
- Enhanced data quality and reporting accuracy by implementing validation frameworks, ensuring reliable financial insights for stakeholders.
- Led migration of ETL workflows from on-premise Informatica PowerCenter to Informatica Intelligent Cloud Services (IICS).

Information Technology Intern

Monginis | March 2021-April 2021

- Analysed ERP system data to improve **financial tracking and reporting** processes, enhancing order/payment visibility by 80%.
- Documented bottlenecks and proposed automation improvements, supporting operational efficiency and compliance monitoring.

PROJECTS

Exploring the Indian Public Perception and Acceptance of AI in Healthcare

June 2024 – August 2024

- Conducted SPSS-based analysis on 97 participants; identified a 20.1% variance in AI awareness using $\eta^2 = 0.185$ and demonstrated statistical significance ($F = 10.690, p < 0.001$).
- Utilised MS Excel for data visualisation and pivot table analysis, presenting key insights and trends to support the study's conclusions.

Information System establishment – Agile – Detailed Project Plan

March 2024 - May 2024

- Implemented an Agile information system, eliciting the requirements and scope using UML, BPMN and user stories.
- Developed a Gantt Chart of the Technical Project Lifecycle using DTL and WBS, establishing project scope, timeline, resource management, budgeting, quality management and risk management.