SANJAY KANAKKOT VISWANATHAN

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SUMMARY

Data Analyst with engineering expertise in AWS, Networking, and troubleshooting in enterprise environments and **delivered over 30 technical training sessions,** extracting insights for **strategic planning**, and leading projects. Skilled in analysing **data lineage and customer retention metrics**, and developer relations engagements.

SKILLS

- **Technical skills**: Microsoft Excel, Snowflake, Jira, Confluence, Microsoft Power BI, Scala, SQL, Informatica, DBT, GA4, Google Analytics 4, SQL, Python, Tableau, Data Cleaning, Data Analysis, Excel, Pivot Tables, LOOKUP, VLOOKUP, Formulas.
- **Analytical Skills**: Data Engineering, Data Pipeline, APIs, Data Warehousing, Data Transformation, Data Requests, Stakeholder Management, Commercial Acumen, Statistical Modelling.
- **Interpersonal and Collaboration Skills:** Cross-functional Collaboration, Data Integrity, Data Storytelling, Fast-paced Environment, Strategic Recommendations, Insights Generation, Strategic Insights.

PROFESSIONAL EXPERIENCES

Macquarie University, Sydney, Australia   July 2024 – Present
Data Integration Assistant

- Built and maintained **interactive dashboards and data visualizations** using **Amazon QuickSight** and **Python**, aligning with key KPIs and enhancing stakeholder understanding.
- Improved 30% in system response by replacing the vendor's SOAP web service with REST API Integration.
- Helped team migrate from Bitbucket to GitHub, and **deploy CI/CD with 20%** fewer deployment errors**.**
- Developed **PowerBI Dashboards** using the Snowflake Data warehouse complex workforce data.
- Delivered actionable **commercial insights** by analyzing large datasets across product, GTM, and CX domains, contributing to data-driven business strategies.
- Managed an end-to-end **insights delivery pipeline**, from gathering requirements to stakeholder presentations and post-delivery support.
- Integrated data from multiple platforms (e.g. **Salesforce, HubSpot**) to generate unified performance views across marketing campaigns and sales funnels.
- Designed and maintained **ETL pipelines** for transforming raw business data into structured, analysis-ready datasets using **DBT, Airflow, or equivalent orchestration tools**.
- Worked with **cloud-based data platforms** (e.g. **Snowflake, BigQuery, Redshift**) for high-performance querying and scalable insights delivery.
- Supported a high-volume data request queue and managed competing priorities in a **fast-paced SaaS environment**, achieving quick turnaround without compromising quality.

Girlscript   December 2023 – July 2024
Program Lead

- Managed open-source program by GSSOC with **600 projects** and 31k GitHub PRs from **72k participants.**
- Generated leads, sponsorship of USD 18.2K from Postman, and customer retention from 15k to 70k.
- End-to-end digital transformation strategy to achieve 2M Impressions on socials in 4 months of execution.
- Leveraged **Google Analytics 4 (GA4)** and **SQL** to track digital campaign performance, audience behavior, and conversion funnels..
- Led the development of high-impact data dashboards and reports using **Tableau**, streamlining business reporting processes.

Truuth, Sydney, Australia   February 2023 – July 2023
Data Analyst
- **Analyzed business data to detect patterns and forecast outcomes, supporting data-driven decision-making and strategic planning.**
- Trained around 10k documents on AI models to detect fake Australian identity doc in SaaS Ecosystem.
- Conducted **ad-hoc data analysis** using Excel, applying **pivot tables**, **LOOKUP functions**, and advanced formulas to uncover trends and support internal stakeholders.
- Developed and maintained scalable dashboards and reports using **Tableau** to visualize key performance indicators across **sales, marketing, and audience data**.
- Applied **SQL** and **Python (Pandas, NumPy, Matplotlib)** to clean, analyze, and transform data from multiple structured and semi-structured sources.

Larsen and Toubro Infotech Ltd. - Bangalore, India   August 2018 – May 2021
Consultant -
- Developed automation scripts to reduce over 50 hours of manual work weekly to Stakeholder reports.
- Presented complex analytical findings to both technical and non-technical stakeholders, promoting a **data-driven culture** and decision-making framework.
- Designed and maintained interactive dashboards and visual reports in **Tableau**, improving visibility into campaign and product KPIs.
- Conducted **A/B testing and funnel analysis** to evaluate marketing effectiveness and recommend performance optimizations.
- Leveraged **Microsoft Excel** and data visualization techniques to present insights to **senior management**, aiding in strategic planning and risk assessment.
- Led data storytelling initiatives using **Tableau** to present complex data in visually engaging and business-relevant formats.
- Developed Power BI dashboards for internal finance projects and workforce planning with raw data & enhanced existing management **reports by 40%.**
- Supported software integration initiatives by identifying and resolving data inconsistencies issues.
- Adapted flexibly across **data engineering**, **data design**, and **QA tasks**, ensuring delivery of end-to-end data solutions in an **agile** team setting.

CERTIFICATIONS

- GitHub Foundation, GitHub Copilot Professional certification by GitHub. Exp:10/22/2027
- LinkedIn Learning certification on diversity, inclusion, and belonging.

EDUCATION

Macquarie University, Sydney, Australia   February 2021 - July 2023
Master of Data Science
- **Coursework:** Data analytics, Stakeholder Management, Data Modelling, Data Warehouse
- Collaborated with the GitHub team to launch the [GitHub CE program](#) and manage **community operations**.
- Received recognition award for collaboration mentoring and training 1st Google CS Seeds program Taiwan.

SRM Institute of Science and Technology, Chennai, India   June 2014 - May 2018
Bachelors in Technology - Computer Science

Visa Status: Temporary Graduate (subclass 485) - Expiry 19-Sept-2028
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