

TECHNICAL SKILLS

- SQL | Python | Typescript | R | Haskell | ETL & ELT | Data Warehousing | Airflow | Serverless Functions | Jupyter
- PostgreSQL | Snowflake | RDS | BigQuery | PowerBI/DAX | Tableau | Looker | FastAPI | Docker | Kubernetes | Git
- Langchain Suite | Vertex | Vector DBs | RAG | OpenAI | Bedrock | MCP | English, Mandarin, Spanish (Professional)

PROFESSIONAL EXPERIENCE

- Ignite Tech, Senior AI Analyst (Finance)**

Jun 25 – Ongoing

 - Drove the implementation of scalable workflows with and without AI in Zapier, n8n and Python across the entire business operations arm to reduce operational costs that improved the EBITDA margin by 20% and improved the experience for both customers and vendors
 - Managed the revenue operations across the group and integrating its recent acquisition into the portfolio, setting up reporting, and centralised analytics across the group in BigQuery and Dataform for data-driven decision making that reduced revenue slippage of the group by 85%
 - Championed the integration of new AI tools and systems within the business to improve operational efficiency and save more than 2+ hours a week per person
 - Reported directly to the CFO on efficiency, ROI and adoption of new and existing AI initiatives, in addition to traditional financial reporting
- PricewaterhouseCoopers, Senior Consultant (Deals)**

Nov 21 – Jun 25

 - Developed FastAPI backend systems for financial data processing with built-in validation checks, improving data retrieval speed by 40% and ensuring 99.9% data accuracy for critical business decisions
 - Engineered scalable and parallelised data processing pipeline, directly applicable to customer data integration workflows
 - Performed deep dive, data-driven analyses of company financials and operations across manufacturing, SaaS, pharmaceuticals and more, for deals of over \$1 billion in aggregate
 - Enhanced the accuracy and depth of analysis for the broader deals team by implementing AI document processing and natural language data query
 - Worked extensively with technical and non-technical stakeholders, translating complex business requirements into technical solutions for M&A due diligence with consistently strong client feedback
- 3Fold Resources, Supply Chain Data Analyst**

Aug 20 – Nov 21

 - Designed and implemented Python-based data processing pipeline to automate procurement workflows, reducing manual work by 3+ hours weekly
 - Developed data analytics tools to optimize supplier selection, resulting in 75% cost reduction for key components

EDUCATION

- University of Melbourne**

Jun 19 – Dec 21

 - Bachelor of Commerce (Actuarial Science), Global Scholars Award, H1 Honours
- National University of Singapore**

Dec 21 – Jun 21

 - Student Exchange Programme in Quantitative Finance (Honours)

PROJECTS

- Financial Dashboarding:** Built interactive financial dashboards with Python backend connecting to Snowflake data warehouse, enabling real-time financial reporting and KPI visualization
- AIP:** Developed end-to-end Automated Invoice Processing System with OCR, document parsing, and LLM-based extraction, utilizing PostgreSQL vector database for semantic search
- Algorithmic Market Maker:** Developed a high-frequency trading system using Python with websocket connections for real-time market data processing with low latency operation with asynchronous architecture

Mentorship

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