

# TOMASZ KOCIK

Microsoft Certified Data Engineer  
[tomkocik.com](http://tomkocik.com)

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## Objective

Seeking a full-time Data Engineer position where I can apply my expertise and advance professionally. Available ASAP.

## Skills

Databricks, Data Factory, Synapse, Logic Apps, Power Apps, Power BI, SQL Server.

Data wrangling, data analysis, data viz, ML, regression modeling.

Agile, TDD, OOP, functional programming, concurrent programming, web dev, mobile dev.

Python, R, SQL, Java, C, Haskell, Ada, FAME, SAS, VBA, Excel, Git, Linux.

English, Polish, A2 German.

Baseline Security Clearance.

## Contact Details

+61 416336982  
[tkocik1068@hotmail.com](mailto:tkocik1068@hotmail.com)

## Referees

Andrej Spielmann  
*Data Engineer / Architect*  
paiqo  
[aspielemann@paiqo.com](mailto:aspielemann@paiqo.com)  
+43 660 4009716

Peter Williams  
*Assistant Director*  
Australian Bureau of Statistics  
[peter.r.williams@abs.gov.au](mailto:peter.r.williams@abs.gov.au)  
+61 2 6252 5758

## Employment

### Data Engineer Consultant - paiqo (Austria)

*1 year, 8 months (Mar 2024 - Nov 2025)*

Worked with business users, data architects and data scientists to develop cloud solutions to real-world problems for our clients. Notable projects:

- Compliance Fraud Detection (OMV Petrom). Implemented cloud technologies to assist analysts in identifying and tracking potential fraud at petrol stations across Romania. Utilised Azure Synapse, SQL Server, Logic Apps, Power Apps and Power BI to develop a complete solution.
- HR support (TK Elevator). Supported analysts in maintaining and extending Data Factory Pipelines and Azure Databricks code to provide better insights from HR data.
- Cloud migration (Liebherr). Redeveloped on-premises SQL server code into medallion, star schema architecture in Azure Databricks. Restructured views and tables and optimised queries for efficiency.

### Data Scientist / Data Engineer - Australian Bureau of Statistics

*1 year, 5 months (Apr 2022 - Sep 2023)*

Worked alongside economic analysts to improve national household spending estimates with big data, such as retail and bank transactions data. Took lead on development work to incorporate improvements into existing SAS, R and FAME systems. Additionally, assisted analysts by developing R Shiny dashboards and automating product classification tasks with machine learning. Shared insights related to my work during branch presentations and provided training and feedback to junior staff.

### Data Engineer - Australian Bureau of Statistics

*3 years (Feb 2018 - Jul 2018, Nov 2018 - Jul 2021)*

Designed, developed and maintained programs that assist in the derivation of national GDP figures using the FAME programming language. Development work involved extracting, importing, deriving, storing and displaying data, reporting to team members about progress, issues, questions and suggestions and delegating work to junior developers. Additional work included training developers, writing documentation and providing training for users of our software, troubleshooting issues in internal software, testing and reporting on issues with external software on behalf of economists and advising managers on software management practices. Assisted economists and statisticians by automating various processes by which annual calculations are conducted, improving organisational efficiency. Notable achievement:

- 1x Macroeconomic Statistics Division Excellence Award

### Store Assistant - IGA - 7 months (Dec 2013 - Aug 2014)

### Store Assistant - Red Rooster - 6 months (Aug 2012 - Feb 2013)

## Education

Master of Data Science - University of Canberra

*Feb 2021 - May 2023*

- 3x Dean's Excellence Award
- [GPA: 6.8/7, WAM: 87](#)

Bachelor of Software Engineering (Hon) - Australian National University

*Feb 2014 - Nov 2018*

- [GPA: 4.5/7](#)

## Certifications

- [Microsoft Certified: Azure Data Engineer Associate \(2025\)](#)
- [Microsoft Certified: Azure Fundamentals \(2024\)](#)

## Additional Experience

Android Developer - Vibe Dynamics

*University Project, 2023*

Led a small team in the development of an Android Application that will operate a therapeutic device for people with sexual dysfunction. Wrote robust and well-documented Kotlin and XML code that will be easily adaptable as the device and its requirements are refined. Contributed to a vision to allow people with complex medical conditions to get the most out of their sex-life.

Web Developer - World Photo Day

*University Project, 2017*

Contributed to the World Photo Day website by developing PHP, CSS and JavaScript code, migrating MySQL databases and writing documentation. Facilitated thousands of users to spread their stories to the world by providing a medium to share their photos. Supported client to generate revenue by developing an engaging website for his customers.

Software Engineer - Research Sample Management System

*University Project, 2016*

Worked with clients from the ANU Research School of Biology to develop a desktop application that aimed to help researchers manage their sample data. Utilised HTML, CSS and JavaScript to create a Node.js application that could be used by researchers to analyse data and present their findings more effectively.

Namadgi School

*Work Experience, Jul 2013*

Assisted school IT department with computer system upkeep, software installation, website maintenance and troubleshooting. Helped teachers and students continue with their classes by resolving software issues during lessons. Helped school admins promote school events by publishing articles on their web platform.

Department of Veterans' Affairs

*Work Experience, Jul 2011*

Assisted web development team with website maintenance including text editing and online form creation. Reduced workload for web design staff by performing straightforward yet lengthy tasks. Helped Australian veterans by allowing the submission of questionnaires online through forms on the DVAs' website.