

# Peter Hanssens

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## EDUCATION

- 2017-2019 **7x AWS Certifications, SA Pro, Security, Big Data, & Associates**
- 2005-2006 **Charles Darwin University (Darwin, Australia)**  
Bachelor of Behavioural Science. 3 years of Statistics and Research Design and Analysis.
- 2003-2004 **La Trobe University (Melbourne, Australia)**  
Bachelor of Medical Science. Later transferred into a Bachelor of Behavioural Science at CDU.

## BUSINESS EXPERIENCE

- 2020-2024 Founder and Principal Consultant  
**Cloud Shuttle, Sydney, Australia**  
Projects over the 5 years include data warehouse migrations of SQL Server and SSIS to Snowflake, migration of Matillion to MWAA and dbt, a new data platform build for a utilities company with Mage + Snowflake, EKS deployment, CICD with Github Actions, Nextjs Conference website + WebApp with passwordless Auth, Rust Lambda API's for PostgreSQL
- 2019-2020 **Solutions Architect**  
**Itoc, Sydney, Australia**  
Completed projects including setting up a Cloud Foundation (AWS Organisation), Postgres Migration (Heroku to AWS RDS), and EKS implementation with API Gateway.
- 2018-2019 **Cloud Applications Engineer**  
**Phoenix HSL, Sydney, Australia**  
Took over soccer market and quickly stabilised all production issues as well as reduced cloud spend from \$10k per month down to \$4k.  
Reduced latency in key serverless application down from 10 seconds to 550ms.  
Python 3.6, Lambda, DynamoDB, SNS, SQS, ECS, S3, and later EKS with Helm and Terraform.
- 2017-2018 **Data Engineer**  
**A Cloud Guru, Sydney, Australia**  
Managed and built serverless data engineering infrastructure, Redshift Cluster and BI Tool. Achievements include: built out s3 event driven ingestion batch processing jobs into redshift, setup firehose streams of changelog data into redshift, onboarded new Data Engineering tool, presented data strategy to the leadership team (on data engineering, semantic layer, bi tool / visualisation), developed CI/CD pipeline for semantic layer build.  
Programmed in Node.js and built lambda functions, dynamodb tables, kinesis streams, firehose, cloudformation templates and the serverless framework.
- 2016-2017 **Lead, Customer Analytics**  
**Suncorp Group, Sydney, Australia**
- 2014-2016 **Marketing Analyst, Customer Segmentation & Analytics**  
**BT Financial Group, Sydney, Australia**

## COURSES

- 2017-19 **7x AWS Certifications**
- 2014 **Consulting skills training**
- 2012 **Prince2 Foundation Certificate**
- 2011 **Oracle Database 11g: SQL Tuning Workshop**

## ADDITIONAL INFORMATION

**Conferences/Meetups:** DataEngBytes (> 1.2k attendees, 4x cities), Data Eng + Serverless meetups  
**Blog:** <https://peterhanssens.com.au>  
**Software & Skills:** Rust, Typescript, Python, Serverless, K8S, AWS Big Data Stack (Iceberg, Firehose, Lambda, ECS, EKS, EC2), NextJS, SQL and Jupiter notebooks (Mage)  
**Interests/Hobbies:** Football, eating out, cultural events, Arsenal, EPL, Soccer.

## LANGUAGES

English (native). Italian (Intermediate). Spanish (Beginner).

## NATIONALITY

Australian