D / R

DANIEL ROYTEL

DATA ENGINEER

CONTACT

0450 781 162

DANIELROYTEL@GMAIL.COM

MELBOURNE, VIC

PROFILE

Experienced Data Engineer with over 10 years of demonstrated history in the banking industry. I have a strong foundation of business knowledge and technical skills tied with an emphasis on business partnering & engagement to deliver on business outcomes and customer experience.

CAREER SNAPSHOT

DATA ENGINEER
DATA PLATFORMS
SPORTSBET | FEBRUARY 2023 -CURRENT

SENIOR DATA ENGINEER
PERSONAL BANK DATA & ANALYTICS
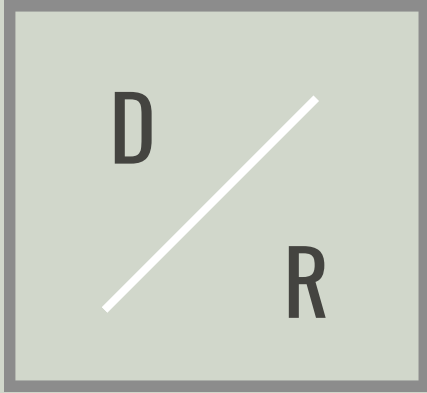NAB | NOVEMBER 2021 -JANUARY 2023

SENIOR ANALYST / DATA DESIGN
ENTERPRISE DATA INSIGHTS/LEGACY TRANSFORMATION
NAB | APRIL 2019 - OCTOBER 2021

DATA ANALYST
WORKFORCE OPTIMISATION/MODELLING
NAB | SEPTEMBER 2018 - MARCH 2019

ANALYST & REPORTING SPECIALIST
NAB | SEPTEMBER 2014 - AUGUST 2018

SKILLS & ABILITIES

- Cloud Platforms: AWS (Certified Developer, Analytics Platform), Azure (Certified Dev/Data Engineer)
- Programming & Scripting: Python (incl. PySpark), SQL, Bash
- IaC & Containerization: Terraform, CloudFormation, Ansible, Docker, Kubernetes
- Data Processing & Orchestration: Apache Spark, AWS EMR, Databricks (Certified), Apache Airflow
- CI/CD & Dev Tools: Git, Jenkins, GitHub Actions, DataHub, Kafka, AWS Glue, Hive Metastore
- Key Concepts: Developer Experience Enhancement, Scalable Data Platform Architecture, Cloud-Native Systems, Data Governance & Security, Agile, DevOps

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ROLES & RESPONSIBILITIES:

-ENGINEERED AND EXECUTED SPARK PIPELINES MIGRATING BILLIONS OF RECORDS TO THE AWS DELTALAKE PLATFORM (ADP), THE CENTRAL DATA SOURCE FOR ~1300 EMPLOYEES.
-DEVELOPED DATA INGESTION USING AWS GLUE AND KAFKA STREAMING, SUPPORTING AN EVENT-DRIVEN ARCHITECTURE.
-MANAGED CLOUD INFRASTRUCTURE VIA CLOUDFORMATION (IAC) AND AUTOMATED DEPLOYMENT PROCESSES USING GITHUB ACTIONS CI/CD.
-CONTRIBUTED TO THE CONFIGURATION AND DEPLOYMENT OF DATAHUB FOR IMPROVED DATA DISCOVERY AND GOVERNANCE, ALONGSIDE DATABRICKS/GLUE.
-LED ARCHITECTURAL DISCUSSIONS FOR ENHANCING THE API INGESTION FRAMEWORK AND SUPPORTED ML MODEL OPERATIONALIZATION (EXPECTED MARGIN/TPV).
-MENTORED COLLEAGUES, FACILITATING THEIR TRANSITION FROM TRADITIONAL DWH PRACTICES TO MODERN ADP DATALAKE/LAKEHOUSE TECHNOLOGIES.
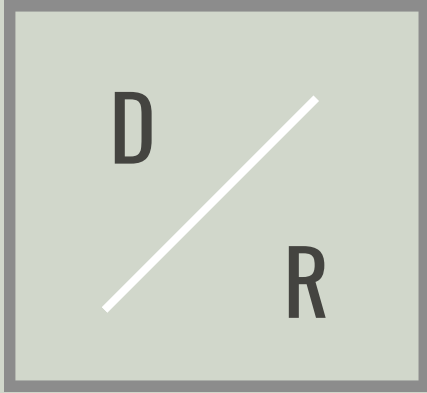
SENIOR DATA ENGINEER
PERSONAL BANK DATA & ANALYTICS
NAB | NOVEMBER 2021 - JANUARY 2023

ROLES & RESPONSIBILITIES:

-MAINTAINED AND SUPPORTED THE PBDA ANALYTICS PLATFORM STACK (REDSHIFT, AIRFLOW, SPARK, JENKINS), ENSURING HIGH AVAILABILITY AND PERFORMANCE.
-ENHANCED DEVELOPER EXPERIENCE BY ACTIVELY SUPPORTING ANALYTICS TEAMS, UPLIFTING THEIR SKILLS IN PLATFORM GOVERNANCE, CI/CD, AND DEPLOYMENT VIA GITHUB.
-DEVELOPED AND DEPLOYED A REUSABLE PYSPARK FRAMEWORK, SIGNIFICANTLY ACCELERATING DATA ASSET CREATION FOR ENGINEERS AND ANALYSTS.
-IMPLEMENTED KEY PLATFORM UPGRADES INCLUDING HIVE METASTORE INTEGRATION AND MANAGING AIRFLOW CONFIGURATIONS USING TERRAFORM (IAC).
-UTILIZED DOCKER/COMPOSE FOR CONTAINERIZATION AND CONTRIBUTED TO THE ARCHITECTURAL VISION FOR IMPROVING PLATFORM USABILITY FOR ANALYSTS.
-MENTORED JUNIOR ENGINEERS AND INTERNS, PROVIDING GUIDANCE AND FOSTERING PROBLEM-SOLVING SKILLS WITHIN THE TEAM

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ROLES & RESPONSIBILITIES:

-DEVELOP, MAINTENANCE AND MANAGEMENT OF KEY DATA PIPELINES TO DELIVER ON BUSINESS OUTCOMES AND REPORTING.
-LIAISING WITH COLLEAGUES AND STAKEHOLDERS TO DETERMINE BUSINESS REQUIREMENTS AND DESIRED BUSINESS MODELS TO SUPPORT BUSINESS INSIGHTS AND SOLUTIONS.
-WRITE CODE TO TRANSFORM DATA TO ADDRESS BUSINESS NEEDS WITH A MICROSERVICES APPROACH.

DATA ANALYST
WORKFORCE OPTIMISATION/MODELLING
NAB | SEPTEMBER 2018 - MARCH 2019

ROLES & RESPONSIBILITIES:

-DEVELOPMENT AND MAINTENANCE OF TABLEAU DASHBOARDS.
-ETL DEVELOPMENT (WRITING CODE TO TRANSFORM DATA)
-BUSINESS ENGAGEMENT.
-COLLECTING AND SHAPING OF BUSINESS REQUIREMENTS.
-SUPPORT PROVIDED TO WORKFORCE CONSULTANTS TO IDENTIFY AND DELIVER ON CHANGE INITIATIVES.

ANALYST & REPORTING SPECIALIST
NAB | SEPTEMBER 2014 - MAY 2018

ROLES & RESPONSIBILITIES:

-BUILD & UPDATE BUSINESS AND BANKER LEVEL REPORTING UTILISING MICROSOFT SQL AND MICROSOFT EXCEL.
-LIAISING WITH INTERNAL STAKEHOLDERS TO BUILD AND UPDATE REPORTS PER THEIR REQUIREMENTS TO EFFECTIVELY VIEW AND MANAGE THEIR PERFORMANCE.
-AD-HOC REPORTS AND ANALYTICS TO DRAW ATTENTION TO POTENTIAL PROCESS OR BANKER PERFORMANCE ISSUES.

VALUE SERVICING ADVISOR
NAB | SEPTEMBER 2013 - AUGUST 2014

BUSINESS SERVICING ADVISOR
NAB | JANUARY 2013 - AUGUST 2013

INTERNET BANKING SUPPORT ADVISOR
NAB | MAY 2012 - DECEMBER 2012