



DANIEL ROYTEL

DATA ENGINEER

CONTACT

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DANIELROYTEL@GMAIL.COM

MELBOURNE, VIC

COVER LETTER

RE: Application for Staff Software Engineer - Canva

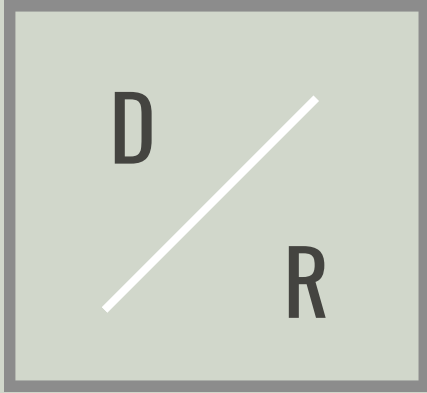
I am writing to express my strong interest in the Staff Software Engineer - Data Platform position advertised on [Platform where you saw the ad - e.g., LinkedIn, Canva Careers]. Canva's mission to empower global design resonates with me, and I am particularly impressed by the Data Platform Group's focus on building world-class infrastructure and enhancing the developer experience. With over 10 years in technology, primarily within the banking sector, I have gained extensive experience as a Data Engineer. Currently at Sportsbet, I engineer and manage scalable data pipelines using Spark on AWS, handling billions of records daily. My responsibilities include managing infrastructure as code with CloudFormation, automating deployments via GitHub Actions, and contributing to data governance initiatives using tools like DataHub. This builds upon my previous role as a Senior Data Engineer at NAB, where I supported core analytics platforms (Redshift, Airflow, Spark), developed reusable PySpark frameworks, and focused on enhancing developer productivity through improved CI/CD practices and platform usability.

My technical skill set, including Python/PySpark, SQL, Terraform, Docker, and extensive experience with AWS and Azure cloud services, aligns well with the requirements for this role. I am a strong believer in continuous learning and applying modern technologies. While using Docker professionally, I have also pursued hands-on Kubernetes experience through personal projects, managing applications within my Proxmox homelab and utilizing TrueNAS Scale. Driven by a curiosity for the full technology stack, I've also recently explored front-end development, building projects like "TheVetsOnFire.net" and the "Chicken Advice Service" with JavaScript, React, and Next.js, which gives me a broader perspective on creating effective developer tooling.

Throughout my career, I have enjoyed mentoring colleagues, leading technical discussions, and collaborating across teams to solve complex problems. I am confident that my technical abilities, proactive approach, and collaborative spirit would make me a valuable asset to the Data Developer Experience team at Canva.

Thank you for considering my application. I am enthusiastic about the opportunity to contribute to Canva's innovative environment and look forward to discussing my qualifications further.

Sincerely,
Daniel Roytel



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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

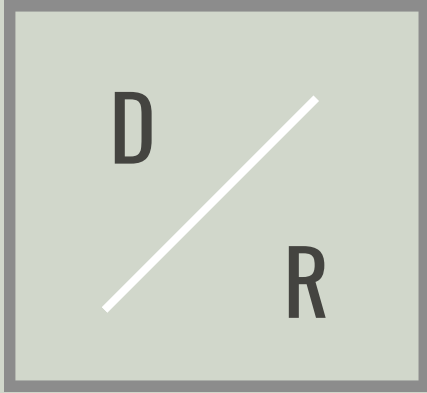
SENIOR ANALYST / DATA DESIGN
ENTERPRISE DATA INSIGHTS/LEGACY TRANSFORMATION
NAB | APRIL 2019 - OCTOBER 2021

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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RESUME

DATA ENGINEER

DATA PLATFORMS

SPORTSBET | FEBRUARY 2023 - CURRENT

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