

**Company:** Northmark Australia  
**Job Title:** Database Engineer  
**Location:** Coorparoo, Brisbane.

## About Us:

At the forefront of agricultural innovation, our enterprise aspires to be a dynamic force in the beef cattle industry, managing over 10 expansive properties and nurturing over 2,000 animals throughout the Brisbane Valley. Our approach is deeply rooted in scientific principles and evidence-based practices, reflecting our commitment to forward-thinking and sustainable farming. We are on the lookout for an adept Database Engineer to join our team. In this role, you will be instrumental in advancing our data-driven strategies, playing a key part in revolutionising how we utilise data to drive decisions, optimise operations, and ensure the highest standards of animal welfare.

## The Role:

As our Database Engineer, you will play a key role in enhancing our data infrastructure. You will be responsible for integrating data from multiple software platforms into a cohesive and efficient database system. This system will be pivotal in improving our decision-making processes, optimising our operations, and ensuring the well-being of our livestock.

## Key Responsibilities:

- Conduct a comprehensive audit of our current systems and data management processes to understand and document our existing infrastructure and data flows.
- Analyse the effectiveness, efficiency and scalability of current data management practices and identify areas for improvement.
- Provide expert recommendations on best practices, systems, and platforms for optimal data housing, considering future growth plans of the business.
- Design and implement a robust database system that integrates data from multiple sources.
- Ensure high levels of data quality, integrity, and security.
- Develop strategies for efficient data storage, retrieval and analysis.
- Collaborate with team members to understand data needs and implement solutions.
- Continuously monitor, evaluate and optimise database performance to keep pace with our evolving data needs and technological advancements.

## What We're looking for:

- Bachelor's degree in computer science, Information Technology, Data Science, or a related field.
- Master's Degree (optional but beneficial) in a related field.
- Certifications related to database management systems like MySQL, PostgreSQL, Oracle, Microsoft SQL Server and certifications in data modelling, data analytics, or related areas desirable.
- Experience Requirements: Minimum of five years of professional experience required in database design and management, particularly with large and complex datasets.
- Technical Skills:
  - Database Management Systems: Proficiency in specific technologies like MySQL, PostgreSQL, Oracle, Microsoft SQL
  - Programming Language: Knowledge of SQL is a prerequisite.
  - Data Integration Tools: Experience with tools that aid in extracting, transforming, and loading data from various sources.

- Data Modelling and Design: Skills designing efficient data models and data base schemas, especially for large-scale and complex datasets.
- Performance Tuning: Ability to optimise database performance through indexing, query optimisation, and other tuning methods.
- Data Security and Backup: Knowledge of best practices for data security, backup, and recovery procedures.
- Cloud Platforms: experience with cloud base database services like AWS RDS, Azure SQL etc.
- Reporting and Analytics: Familiarity with reporting tools or business intelligence platforms.
- Agricultural Software Systems: Experience with agricultural data management systems can be a bonus.

## What we offer:

- This is a short-term contract that will take 6-10 weeks to complete.
- The pay rate ranges from \$90-\$125/hr pending candidate.
- Mission-Driven Culture: Our ethos, “Strengthening the lifeblood of the country,” extends beyond the soil to the welfare of every animal under our care. We are committed to not only transforming and revitalizing the Australian pastures but also ensuring the highest standards of animal welfare. Our mission encompasses a holistic approach - nurturing the land that feeds us and caring deeply for the animals that call it home. Join us in our dual endeavour to restore the health and economic viability of underperforming properties while setting new benchmarks in animal welfare and sustainable agriculture.
- Impactful Work: Every day, you will contribute to a two-fold mission that makes a real difference. Your work will not just be about managing data; it’s about enabling the transformation and revitalization of our land, reflecting a deep commitment to environmental stewardship and sustainable agriculture.
- Innovation and Growth: We are forward-thinking and constantly seeking innovative ways to improve our practices. As part of our team, you’ll have opportunities to grow professionally, embrace new ideas, and be at the forefront of agricultural innovation.
- Collaborative Environment: Our team is the driving force behind our success. You’ll be part of a supportive and collaborative environment, where every member is empowered to contribute their skills and ideas towards our common goals.
- Work-Life Harmony: Recognizing the importance of balance, we support flexible working arrangements. We value the well-being of our team members, both in and out of the workplace.
- Professional Development: We invest in our people. You’ll have access to training and development opportunities, enabling you to grow your skills and advance your career within a thriving and dynamic industry.

## How to apply:

Please send your resume and cover letter detailing why you are the right fit for the role to [chris@northmark.ag](mailto:chris@northmark.ag)