

Miguel Santos

Lisbon, Portugal

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Education

University of Lisbon

Master of Science in Information Systems

Sep 2018 – Jul 2020 | Lisbon, Portugal

GPA: 18/20

Activities: Database Research Group, Open Source Project Maintainer, Data Engineering Meetup Organizer

Relevant Coursework: Database Management Systems, Data Warehousing, Big Data Technologies, Data Modeling, Query Optimization, Distributed Databases, NoSQL Systems

Bachelor's Degree: B.Sc. in Computer Engineering, University of Porto, Grade: 17/20

Work Experience

Database Administrator | Farfetch | Aug 2020 - Present | Lisbon, Portugal

- Managed high-availability PostgreSQL clusters supporting e-commerce platform with 10M+ daily transactions.
- Designed and implemented data migration strategy from on-premise to cloud-based database services.
- Optimized database performance through indexing strategies and query tuning, reducing response time by 70%.
- Implemented automated backup and disaster recovery solutions achieving 99.99% uptime SLA.

Skills

Databases: PostgreSQL, MySQL, Oracle, SQL Server, MongoDB, Cassandra, Redis

Data Modeling: ER Modeling, Normalization, Dimensional Modeling, Schema Design

Administration: Installation, Configuration, Security, Backup/Recovery, Replication, Clustering

Performance: Query Optimization, Indexing Strategies, Execution Plans, Database

Profiling

Cloud Databases: Amazon RDS, Azure SQL, Google Cloud SQL, Amazon Aurora, Snowflake

Tools: DBeaver, pgAdmin, MySQL Workbench, Oracle Enterprise Manager, Liquibase

Other: Database Migration, High Availability, Partitioning, Sharding, Database Security, ETL Processes

Certificates

Oracle Certified Master – Database Administrator

PostgreSQL Certified Administrator

AWS Certified Database Specialty

Microsoft Certified: Azure Database Administrator Associate

Awards

Database Innovation Award – PostgreSQL Europe Conference 2023

Top Database Contributor – Farfetch Technology Excellence 2022

Best Database Performance Solution – Lisbon Tech Conference 2021