



# DERREN RICHARD NATHANAEL

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Information Systems undergraduate at Binus Alam Sutera specializing in Databases. Possesses a strong foundation in database management, SQL, and data modeling. Eager to apply skills in an internship to solve real-world problems and contribute to efficient, data-driven solutions. Passionate about continuous learning and growing in the field of data technology.

## EDUCATION

### BINA NUSANTARA UNIVERSITY

Alam Sutera, Tangerang

Bachelor of Information Systems - **Major in Applied Database**

Expected September 2027

Cummulative GPA: **3.65**

Relevant Coursework: Java Language Programming, Data Visualization (Tableau), System Analysis and Design (Visual Paradigm), UI/UX Design (Figma), Oracle: Database Design, Database Programming (SQL), Oracle Cloud Infrastructure (OCI), Database Administration & Recovery, Oracle Application Development, Object-Oriented Programming

## PROJECTS

### ORACLE DATABASE INTEGRATION FOR GAME APPLICATION

Feb 2025 - June 2025

- Developed SQL scripts (DDL & DML) in Oracle to construct and populate a relational database schema for a game application.
- Created comprehensive utility scripts for database management, including procedures for both specific and complete table deletion.

### SEA LEVEL PREDICTOR

Sept 2025

- Analyzed and visualized historical sea level data from 1880 to identify the long-term trend of global sea level rise.
- Developed a linear regression model in Python to forecast future sea levels through 2050, creating lines of best fit for both the overall and recent trends.

### TABLEAU DATA ANALYSIS & VISUALIZATION

June 2025

- Analyzed two distinct case studies using Kaggle datasets, focusing on the global spread of COVID-19 and internal HR employee analytics.
- Developed and published an interactive dashboard in Tableau to visualize key employee metrics and present business insights on workforce composition.

## EXPERIENCE

### PT. PRIMATAMA CONCEPTINDO ABADI

Jun 2022 - July 2022

Internship - **Purchasing Assistant**

- Assisted the purchasing department by accurately processing and tracking all purchase requisitions and purchase orders.
- Updated the price lists to reflect the most current costs, ensuring accuracy in the purchasing process.

### 23'INN HOTEL

May 2023 - June 2023

Internship - **Front Office**

- Managed front desk operations, including guest services and daily revenue tracking.
- Oversaw guest check-in/check-out processes and handled the reconciliation of daily sales records.

## ADDITIONAL INFORMATION

**Technical Skills:** Oracle Database, MySQL, Java Programming Language, Tableau, JavaFx, Figma, Visual Paradigm, Excel, Microsoft Application, Jupyter Notebook, Python, Pandas, Matplotlib, Numpy, PL/SQL

**Certifications & Courses:** Oracle Database Programming with SQL (OracleAcademy, 2025), Oracle Database Design (OracleAcademy, 2025), Python Developer (SoloLearn, 2025), Data Analysis with Python (freeCodeCamp, 2025), SQL Intermediate (SoloLearn, 2025), Visualize Your Data (SoloLearn, 2025)

**Other Skills:** Teamwork, Adaptability, Problem solving, Proactive, Time management, English Proficient