

# Sophia Rodriguez

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## Summary

Recent graduate with a degree in Information Technology and a strong foundation in software development and database management. Proficient in Python and SQL, with project experience in building web applications and deploying them to the cloud. Seeking an entry-level position to apply my knowledge of backend systems and containerization.

## Education

**Bachelor of Science in Information Technology** | Institute of Technology | Graduated May 2025

## Skills

- **Languages:** Python, SQL, Java
- **Databases:** PostgreSQL, SQLite, Oracle
- **Web Tech:** Flask, HTML/CSS
- **Cloud:** Basic AWS knowledge (EC2, S3)
- **Tools:** Docker, Git, VS Code

## Projects

### Task Management Application | *University Project*

- Created a web application using Flask and Python to allow users to manage daily tasks.
- Designed and managed a PostgreSQL database to store user and task information.
- Used Docker to containerize the application for easy setup and deployment.
- Deployed the application on an AWS EC2 instance for demonstration.

### Library Database System | *Coursework*

- Developed a database schema and wrote complex SQL queries for a library management system using PostgreSQL.
- Focused on data integrity, normalization, and query performance.