

# Robert deLaguna

Back-End Software Developer

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## Summary

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Backend Developer specializing in Ruby, Rails, SQL, ActiveRecord, and HTML. Accomplished in managing workflow across 3 departments in a 24/7 production setting, achieving less than 0.2% inventory discrepancy through efficient tracking systems. Experienced in leadership, time management, and problem-solving.

## Technical Skills

**Languages/frameworks:** Ruby, Rails, SQL, ActiveRecord, HTML

**Testing:** RSpec, Postman, Postico

**Tools/Workflow:** Git, GitHub, MVC, OOP

**Currently learning:** CSS

## Projects

**Rail-Engine (solo)** | [GitHub/Rails-Engine](#) | **Tech:** Ruby, Rails, API, PostgreSQL, RSpec

Built an API that exposes only the needed information based on an expected request.

- Created RESTful endpoints for core returns and non-RESTful endpoints for advanced searches.
- Included specified error responses for various request errors.

**EncounterSim (group - 4)** | [GitHub/EncounterSim](#) | **Tech:** Ruby, Rails, HTML, PostgreSQL

Managed the construction of this web application which simulates an encounter based on the D&D 5E ruleset. Saves relevant data based on rounds of combat. Then returns stats for the encounter.

- Created database and full combat simulation. Including external API calls for combatant details.
- Set up internal JSON contract for front end application to display results.

## Professional Experience

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Production Supervisor @ Panasonic Energy of North America, Sparks, NV Aug 2020 - June 2023

- Managed the workflow of 8 lines on a production floor to return optimal results.
- Produced daily reports on production line statuses and maintenance needs.
- Planned maintenance for machines to coincide with anticipated downtime.
- Collaborated with process supervisors to create a production flow that works for all areas.
- Responsible for managing the work time and PTO schedules for those assigned to me.
- Championed a “Safety, Quality, then Production” culture.
- Implemented training standards with a focus on understanding and comfortability.
- Fostered growth and gave guidance to employees wanting to move up in the company.

## Education

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**Accredited Certificate in Backend Engineering**

Turing School of Software and Design

January 2024