Daniel Enríquez, Software Engineer and Lead Teacher at LeWagon

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Education Computer Science, Southern University Of New Hampshire

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Portfolio I encourage to check this portfolio where I detail more about all professional projects I have contributed.
With my main responsibilities and achievements.

Links GitHub, Linkedin, Certificates

Languages English | Fluent | Cambridge Certificate C2
Spanish | Native

Soft Skills Self-taught
Leadership & Team Player

Tech Ruby on Rails | PosrgreSQL
HTML | CSS | JavaScript | Vue
Go | C | Python | Ruby
Git | Gitflow | Shell

Employment History

Software Developer, Kublau
Apr 2023 - Present

- Streamlined the FedEx Waybill integration for Fondeadora credit card company, resulting in a substantial cost reduction of $30 per shipment for the company.
- Streamlined different carrier services like the Blink API carrier integration for Clara company, now the credit card company can track shipments and generate shipment labels using this carrier..
- Integrated Google Maps for user-driven location selection, assigning coordinates within polygon-defined areas to specific deliverers. The Vue-based mobile app displays these locations for card delivery routing.
- Enhance the user authentication flow, making it easier to invite users, generate passwords and roles.
- Optimized the orders dashboard search with currently more than 120,000 daily records, reducing the load cost, queries, nested loops, indexed columns, etc.
- Engineered the exports module and background processing to enhance Kublau's capabilities in distributing emails and client data on a daily basis. Utilizing background jobs, cron configuration, serializers. Clients currently are able to generate cards, calls and order reports, through scheduled and manual downloads.
- Managed deployments and operations in Cloud66, ensuring efficient operations in staging and production environments.
- Optimized codebase with design patterns and SOLID principles for better scalability.

FullStack Developer, Telos Labs
Apr 2022 - Feb 2023

- Lead the development of a time-tracking application, currently being used by the entire development team and demonstrated to potential clients.
- Experience collaborating in planning, development, maintenance and client meetings of 5 professional applications.
- Efficient the process of the search result engine, going from 10 queries (3.5ms) to just one (0.9ms) of one of the applications of the company.
- Engineered the search engine for the map, as well as the map behavior, like pins, pop-ups, messages, interactions, etc. Mirroring Google maps experience.
- Developed the caching service for a PWA application through a service worker.
- Fix an important CI workflow error related to postgis and PostgreSQL by applying the correct research and changes in images and services.
- Manage DB, Heroku maintenance, rollbar configuration, background jobs, rspec tests with factories, stimulus controllers, turbo, front-end / view components and Rails architecture implementations (MVC) and used multiple libraries and packages.
- Contributed in multiple closed and reviewed Pull Requests, for different applications in the company.
- (Geo-location features, mailers configuration, download XML and PDF services, code refactoring, etc.)
- Collaborated with product design team, CI GitHub action workflows, PR reviews and client meetings as well as developing design docs, documentation, refactoring, MVC model, DB's design and TDD best practices.

Lead Teacher, LeWagon
June 2022 - Present

Currently giving lectures, workshops and overall teaching programming topics such as Ruby Language, SQL, Object-oriented Programming, and Ruby on Rails at LeWagon Bootcamp. Helping students build their final projects and Ruby on Rails applications is one of my greatest joys.

AWARDS & APPS

- For participating as a finalist in the challenge of the regional class of Ideation and Prototyping of ITESM, to generate an application strategy and prototype to increase fundraising for Fundación Azteca.

- Winning App Prototype for Coppel S.A. de C.V. in university contest.

- Trisquel / Nov 2017
Mobile application in which users can study Greco-Latin etymologies. The project was chosen as the best of my school generation.

- Masks / June 2020
Mobile application carried out as a final degree project, during my high school studies, build with MIT App Inventor to customize and order face masks and see COVID-19 data.

- Akord.me / January 2022
Mobile first event creator application.

- AirBnB clone / January 2022
Imitate AirBnB architecture but for Music Studios.

PROJECTS

- Developed the PayPal integration for an AI image generation telegram bot, the bot currently has a flow of +1000 daily users
- Programming Course | Currently building an OOP, design principles, testing in rails, docker, ruby paradigms, algorithm and data structures course.
- Binary Tree with Ruby | Command line binary tree explanation.
- Dotfiles Config | Worked on my terminal dotfiles config files using Shell, Zim and Lua
- Ruby 100 | Build a complete ruby tutorial including Rails, Docker, Testing, OOP, Design patterns, error handling, best practices and more.
- Grading System | Command-line program that grades writing ability. Computed by the Coleman-Liau formula, rounded to the nearest integer.
- Credit Card Detector | Command-line program that receives a credit card number, and returns weather the card is AMEX, MasterCard or Visa.
- Collatz Conjecture | Sequentially applies the Collatz Conjecture to an x
- number and returns how many steps it took to reach integer 1; stores the
- sequence in memory.
- UberEats Architecture | Command line application using MVC model and mirroring ruby on rails behavior, to manage restaurant orders.
- CodeExercises | Multiple code exercises Python, Ruby, C++, JS