# Diego Amorena

@ amorenadiegog@gmail.com    📞 +598 91 036 039    in diegoamorena

🐙 diegoamorenag    🐙 DiegoAmorena    🦊 diego.amorena

## EXPERIENCE

### Full-stack Developer

**Sinapsis Especialistas TI**

📅 2024 March-2025 July

- Web Banking portal adapted so that SMEs can access loans through BROU.NET, MVC Pattern.

---

**Intermedia**

📅 2022 May- 2023 Setember

### Desarrollador Full-stack

**Sinapsis Especialistas TI**

📅 2024-2025

- HCM (Human Capital Management) project where employees could access other employees' profiles, request leave, find out more about projects in which the company is involved, and employee assignments.

- Development of a web system with regulations for managingpatients in hospitals in compliance with ADA (Americans withDisabilities Act) requirements. Direct contact with UScustomers in English. Frontend development using JavaScript,CSS, backend with .NET and Microsoft SQL Server.

## PROJECTS

- *Software Engineering Project* : Development during a semester in which video games were designed and developed for *CEMAU* , an organization dedicated to supporting adults with learning difficulties. A system was implemented to store statistics in order to monitor user progress. API and database using Ruby on Rails. The project was carried out with the monitoring and support of *XMartlabs* .

- *Generative Artificial Intelligence* . Based on classes from *Open Fing* classes specializing in conversational text generation. The project integrates Retrieval-Augmented Generation (RAG) techniques to improve the accuracy and relevance of responses, as well as the use of LangChain for the orchestration of conversational flows and Whisper for automatic speech recognition (ASR). The implementation ranges from prompt engineering and model fine-tuning to optimization and deployment in scalable environments, with efficient management of computational resources.

## PROFILE

Computer Engineering student at UDELAR, completing final year project. 2 years of experience working mainly in web development, frontend and backend. Proficient in Git and agile methodologies.

## EDUCATION

**Facultad de Ingeniería UdelaR**    Diciembre 2025

*Computer Science Degree*

**Facultad de Ingeniería UdelaR**    Diciembre 2024

*Computer Analyst Degree*

## LANGUAGES

- ECPE English exam, C2 level, December 2018
- KET English exam, B2 level , December 2015
- Advanced Portuguese.

### LANGUAGES AND TOOLS

| | | |
|---|---|---|
| Linux | Docker | Git |
| Python | JavaScript | React JS/TS |
| C# | .NET | Microsoft SQL |
| Html5 | CSS | SASS |
| GraphQL | Shell | MongoDB |