MARCOS DIEGO DEDEU

Software Engineer

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Software Engineer with expertise in full-stack development, complex systems design, and web services integration. Spearheaded optimization of systems housing over 500,000 records, resulting in a 4x processing speed increase and 75% reduction in manual task time.

EXPERIENCE

Backend Engineer
The Network

📅 September 2022 – Present Day

- Engineered 3 different REST APIs to allow for the integration of various systems and services.
- Developed a highly efficient search engine bot that automated business needs, resulting in a 50% reduction in manual tasks and over 200k of queries per week.
- Standardized, systematized, and implemented a mission-based web platform for the 500 users accepted into the Network.

Student Director
ITBA Computer Society

📅 January 2022 – January 2023

- Executed a 3-day student hackathon, attracting over 100 participants and generating sponsorship revenue of $10,000, making it one of the largest hackathons in university history.
- Developed partnerships with industry-leading companies, securing participation from 20 tech companies as sponsors and mentors for the event, providing students with valuable networking opportunities and access to real-world expertise.
- Assembled a diverse range of workshop topics and speakers, including privacy experts, blockchain developers, and automation specialists, creating more than 10 full recorded open-source material.
- Directed an organization of 40+ ITBA students, including national mathematics and physics champions.
- Achieved a 100% growth in organization members, from 20 to 40, becoming the top organization at ITBA.
- Mentored the 5 directors to help them get through their day-to-day activities.
- Contributed to the Ethereum Foundation Open Source page.
- Launched a 100+ attendees hackathon in the university, with more than 50k USD in prizes, totally free.

Full Stack Developer
Servicios Computables

📅 October 2020 – February 2022

- Deep-dived into how a complex system works from the inside (1000+ daily users).
- Optimized, reviewed, and rewrote more than 10 functional modules in a live web app.
- Identified and resolved critical bugs in the system, resulting in a 40% reduction in user complaints and an improvement in overall user experience.

LANGUAGES

Spanish	Native
English	Proficient
French	Intermediate

TECHNOLOGIES

PostgreSQL · Typescript · Node.js · Java · Mongo · ETL · AWS · Docker · Jenkins · Python · Git · Javascript · Nest.js

EDUCATION

Master in Software Engineering
Instituto Tecnológico de Buenos Aires

📅 February 2023 - December 2024

Bachelor in Computer Science
Instituto Tecnológico de Buenos Aires

📅 August 2018 - February 2023

ACHIEVEMENTS

HackITBA founder
April 2022

Worldcoin Devcon Scolarship
October 2022

Dev&Think Hackathon Winner
December 2022

NOTABLE PROJECTS

Cryptocurrency Marketplace - Webapp
Technologies: Spring, Java, Hibernate, PostgreSQL

- Jointly deployed with my team a fully-operational marketplace for cryptocurrencies. Both the backend and the frontend were designed from scratch.

Crowdfunding platform
Technologies: Node JS, Express, Javascript, Firebase

- Implemented a platform for student organizations to tackle the lack of funding. UX and design from scratch, multiple backend integrations such as payment gateways, firebase store, etc.