

MATHIAS RODAO

SOFTWARE DEVELOPER

INFORMATION TECHNOLOGY ANALYST - ORT UNIVERSITY

ABOUT ME

I am an IT Analyst and Programmer Analyst, dedicated to improving my skills in Python, JavaScript, and emerging technologies to advance my career.

With nearly 4 years of experience at Descartes Datamyne, a leading foreign trade company, I specialized in database management, Python automation scripts, and ETL processes for large datasets. I led the development of web services and APIs used daily on the company's platform and for internal operations.

As a freelancer, I built an e-commerce platform for Prismic, a Uruguayan clothing store, handling frontend and backend development, payment gateway integration, email automation, and inventory management.

CONTACT INFORMATION

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Place : Montevideo, Uruguay 

Some projects : **GitHub**/mathirodao

MY SITE

mathiasrodao.netlify.app

WORK EXPERIENCE

Software Developer - Descartes S.A, 2021 - 2024

Tech Stack: Python, PostgreSQL, MS SQL Server, Web Services, Flask, Apache Solr, Java, Git, etc.

- Developed and implemented projects to optimize workflows and improve system performance.
- Designed and created APIs and web services for both client-facing applications on the company's website and internal tools, enhancing user experience and operational efficiency.
- Integrated internal and external systems through custom APIs and web services, improving interconnectivity and streamlining processes.
- Managed ETL processes to handle and transform large datasets, ensuring data accuracy and reliability.
- Resolved critical issues and provided prompt solutions to incidents, improving service quality.
- Collaborated across departments to identify needs, align goals, and deliver tailored technical solutions.
- Maintained and optimized databases, ensuring data integrity and efficient record management.
- Processed and analyzed large-scale datasets, enabling better decision-making and operational insights.
- Worked effectively in teams to achieve project objectives, meeting deadlines and expectations.
- Created and automated scripts using Python to streamline repetitive tasks, increasing productivity by reducing manual workload.

Freelance - Full Stack Developer, Prismic E-commerce, 2024 - Present

Tech Stack: Javascript, React, Chakra UI ,Node JS, Firebase, MercadoPago API

- Developed and maintained the Prismic Ecommerce Platform, a scalable and modern clothing and accessories e-commerce site.
- Designed and implemented the frontend using JavaScript, React, and Chakra UI, delivering a responsive and visually appealing user interface adaptable to all devices.
- Integrated Firebase for seamless user authentication, product management, and order processing, ensuring data security and efficient backend operations.
- Implemented MercadoPago API to provide a secure and efficient payment gateway, enabling smooth online transactions for customers.
- Developed an automated email notification system, sending purchase confirmations and account updates to enhance user engagement and trust.
- Optimized state management and routing to ensure a smooth shopping experience, reducing load times and improving navigation across the platform.
- Improved platform performance and introducing updates and new features based on user feedback and business requirements, resulting in better user retention.

Note : This project is actively maintained with periodic updates, ensuring the platform evolves in response to user feedback and new requirements.

SKILLS

Python (3.6+)	Node.js (18.16 +)	Webservices (Flask, Express js, API REST)
SQL (PostgreSQL, MySQL, MS SQL Server)	Bootstrap (5.0+)	Apache Solr (8.0+)
NoSQL (MongoDB, Firebase)	Chakra UI (2.8 +)	Linux console
Javascript (ES6+)	AWS	Git (2.35 +)
React (18.2 +)		

CERTIFICATIONS AND COURSES

Cloud Computing (AWS) - Coderhouse (2024)

Currently studying

React js - Coderhouse (2024)

Certificate, May 2024

EDUCATION

ORT University

Information Technology Analyst , 2019 - 2022

Graduate - 92% approval average.

Web Programmer

Programmer Analyst

Information Technology Analyst

- Databases
- Algorithms and data structures
- Web Design and interface
- Mobile development workshop
- Application design and development
- Projects for each subject
- Final project (React Native, AWS, Python)
- Agile methodologies (Scrum, etc.)
- etc.

Specialization in Big Data

BIOS

Responsive Digital Design, 2016

Graduate

- HTML5, CSS3, JavaScript, Responsive Web
 - Bootstrap, Wordpress
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Escuela Superior de Informatica (UTU)

Technological Bachelor, 2013 - 2015

Graduate

Passing all subjects and final project (medical service system for a hospital)

- Programming
- Databases
- Operating Systems
- Business training
- Web Design
- Projects for each subject
- Annual final project (last year)
- etc.

LANGUAGES



Spanish - Native



English - Speaker's Corner (B1) - Currently studying