

TOMAS FERRARI

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EDUCATION

ELECTRONIC ENGINEERING

Universidad Católica Argentina

Buenos Aires, Argentina

June 2019

WEB DEVELOPMENT - JAVASCRIPT / NODE.JS

Codo a Codo

Buenos Aires, Argentina

June 2024

EXPERIENCE

Athyna | Sparklight

Software Engineer

Buenos Aires, Argentina

November 2024 - Present

- Automate IP reservations using backend tools by creating a full stack web app with FastAPI and React.
 - Modernize technologies written in PHP to have new codebase and created a FullStack application to interact.
 - Automate Network configurations devices through a web app with FastAPI, Jinja2 and React.
- Skills: Python, OOP, FastAPI, Docker, Azure Devops, GIT, React, Javascript, Agile Methodologies, Unit tests

JP Morgan Chase

Associate Software Engineer

Buenos Aires, Argentina

December 2021 - November 2024

- Developed and implemented automated scripts in Python using OOP to streamline financial reporting processes resulting in a reduction of financial incidents.
 - Developed API endpoints using Tornado Server to trigger tasks needed for post processing financial instruments. This endpoints processed data in different formats and provided reports.
 - Led and successfully orchestrated the migration from Redis Cache to the AMPS server, ensuring a seamless transition and optimized performance. Achieved a notable improvement in throughput by 25% and a reduction in incidents. Coded all necessary scripts and conducted thorough unit tests to guarantee system reliability and stability.
 - Got certified as AWS Cloud Practitioner.
 - As Scrum Master, I improved agile methodologies and scrum practices, resulting in a 40% increase in team productivity and throughput of deliverables.
- Skills: Python, SQL, OOP, AWS, React, Redis, Javascript, Tornado, Unit Tests, AMPS, Agile

Exxon Mobil

Developer

Buenos Aires, Argentina

December 2019 - December 2021

- Infrastructure, network and APM monitoring through Splunk, Appdynamics, Tableau and PowerBi.
 - Developed an AI powered chatbot using NLP specifically designed to support incident managers in rapidly retrieving crucial information during ongoing incidents reducing Mean Time To Restore (MTTR) incidents.
 - Developed Python – Flask backend API's and React Frontend for web applications, ensuring seamless user experience and optimized performance simplifying the analysis of common root causes and enhancing the decision-making process.
- Skills: Python, SQL, OOP, Azure, React, Javascript, Flask, Unit Tests, AppDynamics, Splunk, PowerBi, Tableau

CERTIFICATIONS, LANGUAGES & SKILLS

Certifications: AWS Cloud Practitioner.
Professional Scrum Master
Full stack – Javascript / Node.Js

Languages: Spanish – Native
English – C2

Skills: Python – FastAPI – SQL - React – Javascript – Docker – MongoDB – Node.Js – Git – Splunk–
PowerBi – Tableau – Openshift – Ansible