TOMAS FERRARI

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EDUCATION

ELECTRONIC ENGINEERING   **Buenos Aires, Argentina**
                                                                      June 2019
Universidad Católica Argentina

WEB DEVELOPMENT - JAVASCRIPT / NODE.JS   **Buenos Aires, Argentina**
                                                                      June 2024
Codo a Codo

EXPERIENCE

Athyna | Sparklight   **Buenos Aires, Argentina**
                                                                      November 2024 - Present

Software Engineer

- 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.
- Utilize AI / ML to predict subnets utilization percentage.
  <u>Skills</u>: Python, OOP, FastAPI, GIT, AI, React, Javascript, Agile Methodologies, Unit tests

JP Morgan Chase   **Buenos Aires, Argentina**
                                                                      December 2021 - November 2024

Associate Software Engineer

- 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.
  <u>Skills</u>: Python, SQL, OOP, AWS, React, Redis, Javascript, Tornado, Unit Tests, AMPS, Agile

Exxon Mobil   **Buenos Aires, Argentina**
                                                                      December 2019 - December 2021

Developer

- 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.
  <u>Skills</u>: Python, SQL, OOP, Azure, React, Javascript, Flask, Unit Tests, AppDynamics, Splunk, PowerBi, Tableau

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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 – Django – MongoDB – Node.Js – Git – Splunk–
                      PowerBi – Tableau – Openshift – Ansible