



About me

Martin Federico Capparelli
Buenos Aires, Argentina
November 29th 1994

Contact

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Citizenship

Italian
Argentinian

Education

ITBA - Computer Software Engineer
(2013 - 2020)

Awards

Aug. 2019
First Place - Media Party Hackaton
Hack/Hackers by Google

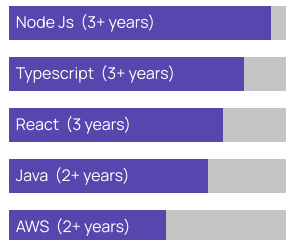
Oct 2012
Silver Medal Award - Argentinian
National Chemistry Olympics

Oct 2011
Honoric Mention - Argentinian
National Chemistry Olympics

Languages

Spanish - Native
English - Advanced
German - Basic

Technologies



Martin Federico Capparelli



Present -
Apr. 2021

Customily Sr. Software Engineer

Some of the most outstanding tasks that I had been in charge of, were:

1. Building test suites for multiple Node JS services in Jest.
2. Developing a complete CI pipeline for microservices in Github Actions.
3. Integrating third party applications for images processing.
4. Splitting an old monolith application into microservices.
5. Developing an async and distributed pipeline, based on queues, for automatic updating components based on user's actions.
6. Developing features and Issue fixing.

TECHNOLOGIES

Typescript, Jest, Node/Express Js, Vue, AWS (EC2, S3, SQS, CloudFront), Docker, Redis, PostgreSQL, Github Actions, .Net.

Apr. 2021 -
Apr. 2020

E-Nano Technical Lead Engineer

As a Technical Lead Engineer I had been involved not only in developing tasks but also in team building, code review, issue tracking, tasks planification, and working side by side with the Product Owner to support him from the technical side and looking for possible business needs too. Also, I was in charge of maintenance of the whole developing and production infrastructure.

The most important goal was to build a real time application to control robots over the internet. The idea was to control it with a digital joystick and a real time video feed. The main challenge was to deal with performance and stability issues that could compromise the real sense of control.

TECHNOLOGIES

Typescript, Python, MQTT (Mosquitto), WebRTC, Node/Express Js, React, AWS (EC2, S3, SQS).

Apr. 2020 -
Apr. 2019

Natural Tech Full Stack Engineer

As part of the team I had been in charge of two main projects, in which I managed:

1. Design of User Interface/Experience for real-time Dynamic Reports.
2. Redesign of multiple satellital applications (Back Office and Demos mainly) and the new website.
3. Design and Deployment of the whole cloud architecture.

And also I had developed in pairs, with a computational linguist, many functionalities for the NLP module:

1. RDF Triplets modeling to adapt multiple languages.
2. Migration from Freeings to StanfordNLP.
3. Adaptation of sub-verbal trees from Spanish to English.

TECHNOLOGIES

Javascript, React Js, Gatsby Js, Python 2.7, Bootstrap, Proxmox, Wordpress, MongoDB, Nginx, StanfordNLP, Freeing.

Apr. 2019 -
Jan. 2018

ITBA Full Stack Developer

Development of an integral management system for pharmaceutical groups providing them with several administrative tools to help them safely and efficiently with their informatic needs.

As part of the developer team I had been involved mainly in multiples tasks including developing new features such as:

1. Medicines Booking System for clients.
2. Communication Protocol Implementation for Epson TM-T900FA fiscal printer.
3. ACL system that includes a notification stack for monitoring.
4. Dashboard (Front-End) interfaces to improve usability, filtering and data visualization.
5. Search and Integration of new tools for building and versioning in Maven Framework.
6. REST API design to communicate the main APP and multiple Zebra HandHelds.

TECHNOLOGIES

Java, SQL, PostgreSQL, Hibernate ORM, Java Swing, Maven, Docker, Spring Boot, Postman.

Jan. 2018 -
Jan. 2017

ITBA Assistant Head Teacher

In this Course we had been training 1st year students to be familiarized with Linux and Linux's console commands, they had also been given the opportunity to learn Bash Scripting programming using variables, intructions and loops. As well as introduced to regular expressions. The course includes a complete overview of Numeric Representations, memory access and routines for Z80 Assembler programming.

TO SUM UP

1. Linux and Linux's Console Command
2. Regular Expresiones
3. Bash Scripting
4. Programming on Z80 Assembler

Jan. 2017
Jan. 2016

Tech Trek Fundraiser

Tech Trek consists in visiting several companies, Startups, Accelerators and Universities in Silicon Valley area to create a network of contacts between Silicon Valley and Buenos Aires, learn how the entrepreneurial ecosystem works, discover new technological trends, new business models and ideas applicable to LATAM. Tech Trek is also an organization led by and for students.

Dec. 2016 -
Feb. 2016

SABF Mentor

I was one of the SABF's ex members who were chosen to apply the mentoring methodology. It consists in transmitting not only knowledge but experience and organization's culture to bring the best of the learner's talent.

Feb. 2016 -
Jan. 2016

SABF Media & Communication Inductor

TECHNOLOGIES

JavaScript, React Js, HTML, CSS, Adobe Suite (Illustrator, Photoshop, After Effects).

Jan. 2016 -
Jan. 2015

SABF Media & Communication

The SABF is an event that takes place annually in Buenos Aires for 3 days in the month of July. Each year the forum receives 100 outstanding university students from around the world together with 40 leaders of business, political and academic areas. The SABF organizing team is composed entirely of students from different mayors of the Instituto Tecnológico de Buenos Aires (ITBA) who voluntarily dedicate their time for the realization of the conference.

TECHNOLOGIES

JavaScript, React Js, HTML, CSS, Adobe Suite (Illustrator, Photoshop, After Effects), MODx, Facebook/Google Ads.