

Mauro Bagnoli

Full Stack Developer

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Background

I'm a fullstack, web and app developer focused on building great projects with the best technologies available.

I obtained a degree in Communication Science from the University of Buenos Aires and bring over six years of hands-on experience in the software industry, actively acquiring and applying programming languages, design patterns and frameworks in both personal projects and professional software development.

As a developer, I find satisfaction in linking technology with its social context, aiming to contribute meaningfully to the intersection of innovation and societal needs by creating beautiful and useful products. My goal is to build applications that are scalable and efficient under the hood while providing engaging user experiences.

Relevant Experience

Full Stack developer at White Prompt

Jun 2022 // current

Providing staff augmentation services for White Prompt as a Full Stack Web Developer, contributing to web applications with a tech stack including React, Node and MongoDB.

Full Stack developer at Invicara

Jun 2022 // march 2024

As a contracted Full Stack Web Developer, I collaborated with a diverse team of twenty developers, designers, and QA engineers to spearhead the development of a web application for Building Information Modeling (BIM) operations.

Key Contributions:

- Utilized JavaScript and Node.js to implement a robust integration with the microservices architecture of the company, ensuring scalability, efficiency and consistency.
- Conducted extensive refactoring of existing codebase, enhancing code quality, maintainability, and overall system reliability by implementing well tested design patterns like the facade, singleton and builder patterns.
- Introduced comprehensive test suites to ensure the stability and correctness of the application, resulting in a more resilient and error-resistant software.
- Designed and implemented user-friendly interfaces, improving the overall user experience and facilitating seamless interaction with the BIM operations platform.
- Improved the Developer Experience by updating the Module Bundle

version and implementing JSDocs and Linter. Took charge of onboarding and gatekeeping processes to streamline team collaboration and ensure code quality.

Full Stack developer at Magoya Software

Jun 2020 // 2022

Worked with a team of ten developers on web applications built with React and Django.

Used Django, Django Rest Framework, Graphene(GraphQL), TypeScript, React, Next JS, Docker, Sentry, Docker Compose and Google Cloud Services.

Full Stack developer at Infoxel

Jan 2020 // Jun 2020

Worked with a team of six developers on web applications built with JavaScript and Django.

Used Django Rest Framework, Elasticsearch, TypeScript and React.

Software Developer and Data assistant at Fundación

Conocimiento Abierto Jan 2018 // Dic 2019

Worked with a variety of different languages, frameworks, and content management systems such as Python, Scrapy, Pandas, React, D3, Node.js, etc. Communicated and collaborated with multi-disciplinary teams of engineers and designers on a daily basis.

Web developer and media manager at Editorial Nodo Gráfico

Dec 2016 // Jan 2018

Worked with a team of two designers to build an online graphic design and printing services agency.

Used HTML5, CSS3, Javascript and tools from the Adobe Suite such as Acrobat pro, Photoshop and InDesign.

Skills

Programming Languages

JavaScript (ES6), TypeScript, Python, SQL, GO, Bash, Java.

Web Technologies

HTML, CSS, Web Security Best Practices, Browser Developer Tools, Web Accessibility (WCAG guidelines).

Libraries & Frameworks

jQuery, React, React Native, Vue, Node.js, Express, Bootstrap, D3, Django, DRF, Graphene, NextJs, Tanstack Query, Material UI, Sass,

Tailwind, mocha, cypress, Astro, ThreeJS.

Tools & Platforms

Linux, Git, Scrum, Jira, Redmine, Trello, Docker, Firebase, Webpack, Vite, Ansible, Postman, MongoDB, GCP Digital Ocean ,Heroku, Nginx, Vim, VS Code.

Education

University of Buenos Aires

2013 - 2020

Degree in communication Sciences

Digital house

2018 - 2019

Data science Course

Full Stack developer Course

Aves Argentina

2017 - 2019

Naturalist Interpreter

Aves Argentina

2023 - current

Frontend Masters

Interests

Birdwatching (Who would have thought!), traveling, scuba diving, reading, trekking and learning new cool developer technologies.

Personal Projects

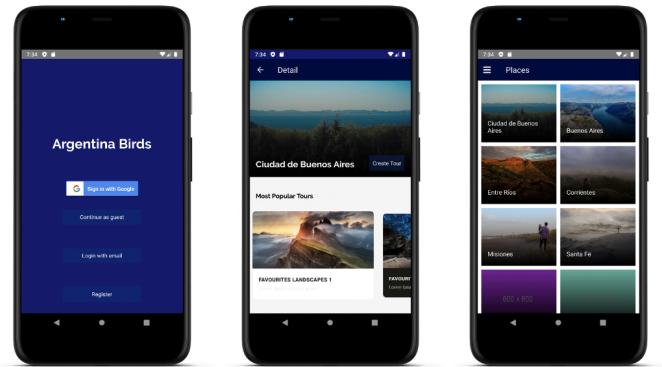
Natujuegos

A quiz game for learning to identify bird species of Argentina by their photos. An open source project created with VUE and Express JS.



Birds of Argentina

E-commerce oriented, tour booking management application for Android, made with React Native.



Birds of Mallorca

A free to use React Native application to learn to recognize the birds of Mallorca by their photos. It is equipped with Multilingual Support to enable seamless use by both the local residents of Mallorca, ensuring accessibility in their preferred language, and visitors who can comfortably engage with the app in their own language.

It is the only one of my projects that is still online and still in development state, the link to the App Store is in the title.

