Ailén Magalí Muñoz

Senior Full Stack Developer

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I am a software engineer, graduated in 2019, dedicated to full-stack development with a specialization in backend integrations with third-party systems using Node.js. My primary motivators are projects with a social/environmental impact, when possible, fostering cooperative teamwork, and overseeing end-to-end project management - from technical planning to release.

Skills

Technologies I've used

| React.js 4/5 | Node.js 4/5 | PostgreSQL 4/5 | GraphQL 4/5 | Express 4/5 |

| TypeScript 3/5 | Jest 4/5 | AWS 3/5 | Redux 3/5 | Java 3/5 | MongoDB 2/5 |

| Docker 2/5 | Relay 2/5 | AngularJS 2/5 | Hibernate 3/5 | Sequelize 3/5 |

| Prettier 5/5 | ESLint 4/5 |

Tools I've worked with

Datadog   VS Code   Retool   Jira   Heroku   Trello   Shopify

Languages I manage

Spanish native   English C1   Italian A2

Work experience

Senior Software Engineer   October 2023 - now
Opengov

OpenGov offers a cloud platform for United States governments. As part of the Permitting and Licensing team, I contributed to the following main features:

- Developing and maintaining a microservices-based payments infrastructure, enabling online payments, partial payments, terminal payments, and refunds with different third party providers.

- Leading the migration from legacy SEPS architecture to the new PPF system, ensuring compatibility, stability, and performance improvements.
- Implementing GraphQL APIs with TypeScript and Prisma, optimizing performance using data loaders and efficient query patterns.
- Designing GraphQL policies and access control mechanisms to secure API interactions.
- Working with Ember.js and React in a monorepo setup, integrating frontend applications with backend services.
- Managing Grafana and Loki dashboards, creating alerts and visualizations to monitor service health and request throughput.
- Collaborating with teams to ensure seamless integrations with third-party payment processors and internal services.
- Troubleshooting CI/CD pipeline issues and improving SonarQube test coverage recognition in a Lerna-based monorepo.

Technologies: React.js, Node.js, Ember.js, Jest, Docker, TypeScript, Redis, Prisma, GraphQL, Grafana, Fastify

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Senior Full Stack Developer
February 2022 - August 2022

Grow BI

Grow is a no-code full-stack business intelligence (BI) platform. As part of the Integrations team at Grow, I contributed to the following main features:
- New integrations with CRMs and Social Media platforms through REST APIs.
- Maintenance of existing integrations.

Technologies: React.js, Node.js, Jest, PostgreSQL, Express, Docker

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Senior Full Stack Developer
November 2019 - February 2022

Lattice HR (as a 10Pines contractor)

At Lattice, a people management platform focused on creating high-performing teams, I contributed to the following projects:
- Re-architecture of "Demo & Trial accounts creation": Conducted research, planned, and implemented the re-architecture of the tool used for sales. This tool creates accounts with up-to-date data and charts for product demonstrations to potential customers.
- HRIS Integrations: Researched, planned, and implemented APIs to integrate with third-party platforms like Personio, Gusto, ADP, Rippling, and Zenefits. These integrations enabled the import of user data.
- Courier Integration & Migration: Consolidated all notifications to be sent through Courier, a platform used to send notifications through different channels.
- MS Teams Bot: Conducted research, planned, and implemented a bot to send notifications through MS Teams. The goal was to deliver updates on upcoming meetings, goals, or action

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items to every user within a company.
- Notification Management: Developed a feature that allows admin users and end users to customize their notification channel preferences.
- Slack: Migrated to the new version to ensure seamless continued delivery of Slack notifications.
- SCIM: Developed a REST API following the SCIM standard, enabling third parties to export Lattice user data.

Technologies: React.js, Relay, GraphQL, Node.js, Express, TypeScript, Jest, Sequelize, PostgreSQL, AWS

Junior Front End Developer
September 2018 - July 2019
Gloud (as a 10Pines contractor)

Turner Digital Media's cloud gaming platform allowed users to play games in the cloud. During the project, I worked on the following tasks:
- Support of multiple profiles: Created, updated, and deleted profiles to enhance user customization.
- Subscription management: Integrated with Vindicia and Personal for billing purposes, ensuring seamless subscription handling.
- New design of the website embedded on a desktop client: Led the front-end development of login, catalog, search, categories, and multiple profiles to enhance user experience.
- Support and synchronization of keyboard and gamepad input events: Ensured smooth and responsive gaming experiences by handling input events effectively.

Technologies: React.js, Redux, AngularJS, Java, AWS, Jest

Full Stack Developer
June 2018 - September 2018
10Pines

10Pines is a company that provides software development services. Due to its horizontal organizational structure, I had the opportunity to work with both external clients and internal tools, contributing to various management areas of the company, such as environment impact and recruiting.
During the first three months, I participated in an internship and made contributions to an internal tool called 'Roots Votation.' This application is used to propose, vote, and manage action items related to 10Pines' decision topics. Main features I worked on include:
- Application redesign
- Topics reproposal and classification
- Email notifications: Integration with Sendgrid

Technologies: Ember.js, Java, Hibernate, PostgreSQL

BI Analyst and Developer

General Directorate of Justice

A system used to clean and analyze social media and mobile-related data. Tasks:
* Generating reports about the timing and workflow of the area.
* Developing Excel Macros and ETLs to extract and clean data provided for third parties.
* Requesting, processing, and analyzing provided data.

Technologies: SSIS, SQL Server, PowerBI

BI Analyst and Developer

August 2016 - March 2019

National Tecnological University

University internal area. Tasks I worked on:
* Generating reports about aspirants, students, dropouts, and graduates.
* Preparing reports on timing and workflow for resolving various types of university internal paperwork.

Technologies: Javascript, SQL Server, Pentaho, SSIS

CX Support

June 2015 - June 2016

Lambda

Library management software. Main tasks I worked on:
* Customer support for Fierro software.
* Website maintenance
* Invoice template design

Technologies: Python

Projects

beexploit

July 2023 - now

beexploit is a platform that offers pentesting and triaging as a service in an annual basis

Live web: https://dev.beexploit.com/

LinkedIn: https://www.linkedin.com/company/beexploit/

Technologies: React.js

Savorease Therapeutic Foods

October 2021 - now

Savorease Therapeutic Foods is a food manufacturer start-up specializing in savory crackers for people with dysphagia, feeding pediatric disorders, and babies transitioning to solid foods.
Tools: Google Ads, Meta Ads, Instagram, Facebook, LinkedIn, Twitter, Canva, Shopify, Freshworks, Pagefly
Main Tasks:
- E-commerce development and maintenance (on Shopify)
- Email automations
- Marketing campaigns
- Community Manager
- Ad campaigns

Live web: https://savorease.com/

LinkedIn: https://www.linkedin.com/company/savorease/

Technologies: Shopify

Moke Boards   June 2020 - November 2020

A small website selling customized balance boards. The app allows customers to choose the shape, design, and extras to add to their purchase.

Demo:

Repository: https://github.com/aailenm/moke-boards

Technologies: React.js

Ruth   August 2019 - April 2020

An internal tool designed for presenting topics, allowing participants to engage in discussions and reactions using their mobile or computer.
Main features I worked on:
- Full-stack development for topic presentation, discussion rooms, and management, as well as reaction charts.
- Implemented pipeline, deployment, and review apps.
Other tasks:
- Played a key role in product discovery, kick-off, and MVP technical planning.
- Acted as Product Owner and Technical Leader for the tool, which served as an internal product for the apprenticeship program

Mockups:

Technologies: Node.js, Jest, React.js, Redux, PostgreSQL

Education

Software Engineer

National Technological University

Master degree. Specialization in software development.

High School in Human Science

Holy Face Institute

Bachelor's degree. Specialization in human science.