

MAURICIO VALDIVIA

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

A proficient Software Engineer with expertise in Python and Node.js, and a strong foundation in constructing scalable, high-performance web applications experienced by tens of thousands of users. Proficient in system architecture and backend development, consistently ensuring code efficiency and performance through rigorous testing.

EXPERIENCE

Software Engineer

Another Acquisition (Sep 2023, Present), Madrid Spain

- Designed and developed from scratch a SaaS platform for mass email delivery, comparable to Customer.IO and Klaviyo, utilizing AWS infrastructure components such as SQS, SNS, and SES, along with PostgreSQL for database management.
- Engineered the backend systems for a user journey design platform, implementing recursive patterns to support advanced segmentation engines. This backend architecture facilitated the application of logical rules for customer segmentation and interaction based on the journey's context. The system enabled conditional branching and segmentation by user attributes and interactions.
- Developed an email builder tool using the MJML framework and Easy Email project, enabling the creation of responsive emails with drag-and-drop functionality. Implemented background jobs for efficient email processing and customization.

Software Engineer

Wallstate (Aug 2021 - Jul 2023)

- Engineered a web application that enables users to invest in real estate portfolios with investments starting as low as one dollar. The application features sophisticated real-time processing capabilities for transaction data and balance information, ensuring users receive up-to-date financial insights seamlessly.

EDUCATION

Bachelor in Computer Science

Universidad Católica de Chile

2015 - 2019

- Teaching Assistant for Testing
- Teaching Assistant for Software Engineering

PROJECTS

Opensurvey

Sep 2023 - Oct 2023

Designed and built an open-source alternative to Typeform. Users can create surveys in less than one minute and, if they want, can self-host the web app.

Link: <https://opensurvey.co/>

Technologies: Nextjs, PostgreSQL

TECHNICAL SKILLS

Languages

- Javascript
- Python

Tools

- Express
- FastAPI
- Redis
- Celery