

# Mauricio Valdivia

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## PROFESSIONAL SUMMARY

Software engineer with four years of experience specializing in web application development for customer-oriented products with startup experience. A self-motivated and lifelong learner with solid fundamentals in NodeJS, React, PostgreSQL and AWS.

## EXPERIENCE

### Software Engineer, Wallstate

*Nov 2021 - Sep 2023*

- Designed and developed from scratch a web app enabling users to invest in real estate portfolios from one dollar with an active user growth rate of 20% month by month. More than ten thousand users could check their transactions and balances in real-time.
- Designed and built the first e-commerce in Chile where customers could purchase tokens (erc-20) representing real estate ownership in percentages, with more than one million dollars in transaction volume, using a serverless stack to handle peak times.
- Set up the testing environment to run unit and integration tests on the financial system so we could create new features using A/B testing without fearing we would break something. The platform had more than 90% coverage in the financial core.

### Jr Software Engineer, Abstract

*Mar 2020 - Nov 2021*

- Designed and developed the pipeline of e-commerce to sell cars completely online, integrating multiple providers (insurers, banks, sellers, financial institutions) in a web app, which needed effective communication with both the commercial and technical teams of the providers.

## PROJECTS

### Opensurvey

*Sep 2023 - Oct 2023*

- Designed and built an open-source alternative to Google Forms from scratch. Users can create surveys in less than one minute and, if they want, can self-host the web app.
- Link: <https://opensurvey.co/>
- Technologies used: Nextjs, PostgreSQL

## EDUCATION

### Bachelor of Science - BS, CS, Pontificia Universidad Católica de Chile

*2015 - 2019*

- Teaching Assistant for IIC 3745 Testing
- Teaching Assistant for IIC 2143 Software Engineering

## TECHNICAL SKILLS

NodeJS, React, PostgreSQL, AWS, Python,