Thiago Cruz

Senior Software Engineer

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Education

University of São Paulo (USP)   BSc
Applied Mathematics   São Paulo, Brazil • 2013

- Modeled and implemented an oil pipeline simulation while studying Fluid Mechanics
- Thesis on Topology and Functional Analysis

Experience

Block, Inc.   Toronto, Canada
Senior Software Engineer   2020-present

- Tackling iOS builds at scale and DevEx problems (automations, iOS CI, IDE performance)
- Key role in the migration of the iOS monorepo to the Bazel build system
- Led the adoptions of rules_xcodeproj in the codebase (Xcode integration with Bazel)

UpHabit   Toronto, Canada
Senior Mobile Engineer   2018-2020

- Managed to significantly improve performance of long running background tasks in the iOS app
- Led the adoption of design patterns iOS development at the company
- Wrote scripts to automate repetitive tasks (setup UI tests and release branches, manage storage files during development, CI integration)
- Contributed to the backend codebase, improving APIs consumed by the mobile clients

Atitude Mídia Digital   São Paulo, Brazil
Lead Mobile Developer   2016-2017

- Refactored a legacy codebase and built a core framework to be consumed by different apps
- Helped the team put some scrum rituals in place to better prioritize work
- Driving planning and grooming backlogs for both iOS and Android workstreams
- Contributed to AWS infrastructure work aiming to improve the quality of the company's live streaming services

Runrun.it   São Paulo, Brazil
Senior iOS Developer   2015-2016

- The first mobile developer to join the team, had the opportunity to build the foundations of the app (networking, storage, UI)
- Responsible for driving the sprint retrospective ritual bi-weekly

App4U   São Paulo, Brazil
Senior iOS Developer   2012-2014

- Built and maintained different kinds of apps and games
- Introduced better version control practices and mentored other engineers on how to use it

Other projects

Clig
Geolocation based messaging app

ezmall
App built to help brands connect with potential customers