Joao Freza Foltran

(608) 509-1139 | frezafoltran@gmail.com | Chicago, IL, 60610

https://frezafoltran.github.io | https://github.com/frezafoltran | https://medium.com/@joaofoltran

SUMMARY

Adaptable Software Engineer with strong background in architecting, developing and maintaining large-scale mobile applications, as well as devising automations to improve software workflow. Also a passionate writer of tech content, and an active part of the software community.

SKILLS

- Kotlin, Java, Javascript, Typescript, Python, C/C++
- KMM, React, React Native, NodeJS, Flask
- AWS, Azure, Google Cloud

EXPERIENCE

MOBILE SOFTWARE ENGINEER, AMI ENTERTAINMENT, CHICAGO, IL – SEPT 2022-PRESENT

- Primary Android engineer supporting all aspects of AMI mobile products.
- Developed new features for mobile apps with business and design teams to fulfill customer needs.
- Devised automations to analyze code quality and streamline application deployment, saving multiple hours in code review and deployment weekly.
- Reviewed and modified unit and integration tests to improve software quality and reliability.
- Launched and led AMI's tech blog, peer reviewing content and managing publications.

ANDROID ENGINEER, PAGSEGURO, SÃO PAULO, BRAZIL – OCT 2021 - SEPT 2022

- Managed end to end feature development for leading Brazilian mobile payment app with over 50 millions of users, including design, development, deployment and production support.
- Ensured UX consistency across different applications by building common libraries.
- Improved CI and CD pipelines to ensure smooth code review and deploy processes.

SOFTWARE ENGINEER, SNOWFOX AI, HALIFAX, CANADA - AUG 2020 - OCT 2021

- Designed and developed Python API to deliver marketing campaigns more efficiently, saving hundreds of dollars weekly.
- Developed Flask dashboard to track marketing campaign ROI and usage analytics.

SOFTWARE ENGINEER (CONTRACT), JULIUS BAER, SÃO PAULO, BRAZIL - AUG 2020 - OCT 2021

- Developed a React Native and web app with shared codebase for clients to manage investment portfolios of over 30 million Reals.
- Migrated native mobile apps in Java and Objective C, while fixing security vulnerabilities.

SYSTEM ADMINISTRATOR, DOIT, MADISON, WI - JAN 2018 - AUG 2020

- Improved API used by Canvas question engine software to meet network security protocols.
- Resolved database issues causing downtime in Canvas, providing users more reliable experience.
- Lead consultant team to support large-scale use of Canvas, including API configuration and content authoring.

EDUCATION

BACHELOR OF SCIENCE, UNIVERSITY OF WISCONSIN - MADISON, MAY 2019

- Electrical Engineering   GPA 3.94/4.0   Dean's List
- Mathematics   GPA 3.94/4.0   Dean's List

LANGUAGES

- English (Fluent) | Portuguese (Fluent)