

Antoine Falquerho

SENIOR SOFTWARE ENGINEER

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Software Engineer with more than 7 years of experience, designing and building services used by million of users.

Experience

Under Armour

San Francisco, U.S.A

SENIOR SOFTWARE ENGINEER

Jan. 2016 - May 2018

- Developed and maintained a payment system to manage premium subscriptions for MyFitnessPal and get off an external provider for Map-MyFitness. It simplifies accounting and improves revenue metrics, while reducing cost. This system handles millions of dollars per month in transactions.
- Designed and implemented a feed service, intended to be used in all Under Armour's apps, that reduces the cost of storage while improving the response time.
- Designed a service to manage user friendships and help develop social aspect within the apps using a graph database from Amazon Neptune.
- Mentored a Junior Engineer by assigning tasks and helping them get up to speed with the organization methods and tools.

MyFitnessPal

San Francisco, U.S.A

SOFTWARE ENGINEER

Sept. 2014 - Jan. 2016

- Improved scalability and response time of core backend services by improving data storage, reducing response time and lowering error rates. The overall success of our app lead to the acquisition of MyFitnessPal by Under Armour for \$475 million.
- Lead the successful migration of all the organization's services to a new email provider, without interruption, while sending millions of emails every month. Developed a service that manages email templates and contents, and pushes notifications to improve marketing conversion rates.
- Developed libraries to help teammates work faster and be more productive through cross-team tool uniformity. The tool helps engineers debug and reduce maintenance time.
- Developed internal tools to manage premium features and subscriptions, giving more visibility and control to the Customer Happiness team. It reduces the time required to assist premium users, and increases premium conversion.

Rewarder

San Francisco, U.S.A

SOFTWARE ENGINEER

Nov. 2011 - Sep. 2014

- Developed a Stripe integration for securely accepting customers credit card payments, and built a balance management and cash out system to keep track of the transactions.
- Maintained a Rails application and developed an API to enable the development of a mobile app.
- Built a partner integration system used by Ask.com and ManualsOnline.com, resulting in an increase of traffic.
- Built an API integration with Ebay to power a new "Wanted" feature on the Ebay website. Worked closely with an Ebay engineer on the technical design and integration.
- Built a text message communication system for notifications and events with Twilio API.

Taskrabbitt

San Francisco, U.S.A

INTERN SOFTWARE ENGINEER

Apr. 2011 - Oct. 2011

- Developed a Facebook Application for friend referrals.
- Completed integration testing for feature implementation, regression testing, and site stability.
- Built a messaging feature for task clarification.

Education

Dominican University of California

San Francisco, U.S.A.

CERTIFICATE IN MANAGEMENT AND MARKETING OF INFORMATION TECHNOLOGY

2010 - 2011

SUPINFO - The International Institute of Information Technology

INFORMATION TECHNOLOGY

2008 - 2011

- M2, Information Technology
- M1, Information Technology
- B3, Information Technology

San Francisco, CA, USA
Montreal, QC, Canada
Nantes, France

Skills

Languages / Frameworks, Scala, Ruby, Akka, Rails

DevOps / Tools, AWS, Docker, Kubernetes, Jenkins, Git, Bitbucket

Databases / Storages, MySQL, DynamoDB, Redis, PostgreSQL, Neptune, S3

Interests

Sport, Running, Muay Thai Boxing (2 years)

Volunteer, Family dog rescue