

## Frank Gairal

(650) 898 9954  
[frank@gairal.com](mailto:frank@gairal.com)  
[frank.gairal.com](http://frank.gairal.com)  
[github.com/gairal](https://github.com/gairal)

# Full-stack developer

Passionate software engineer with an emphasis on quality and optimization  
San Francisco, California

## TECH SKILLS

### backEnd

NodeJS, PHP,  
Symfony2, Twig,  
Doctrine, go, Silex,  
Java, Spring suite,  
Python, Selenium  
driver, Monkeytalk

### frontEnd

React/Redux, VueJS,  
ESNext, Angular1,  
unit testing (Jest,  
Chai/Mocha),  
TypeScript, Webpack  
stack, technical SEO,  
css, SASS/LESS,  
Bootstrap 4,  
Foundation, Tailwind  
CSS,...

### db

Oracle,  
MySQL/MariaDB,  
MongoDB, PostgreSQL,  
Cloud Datastore,  
RethinkDB, MS SQL  
server

### infra / devops

Docker, Server setups  
on various linux  
distributions  
(centOS, Debian,  
Ubuntu server),  
Google Cloud  
Platform, IBM Cloud,  
AWS, GIT

## LANGUAGES

French: native  
English: fluent

## SPORTS / HOBBIES

Travel, scuba  
diving, hiking,  
cooking, running,  
mountain and road  
biking, coding

## EXPERIENCE

### Solution Architect, ekino US / Havas Worldwide

NYC / SF, USA - 2018-current - [www.ekino.com](http://www.ekino.com)

- Rewrote, re-architected and maintained an AI bot used as company directory on Slack (using IBM Watson).
- Designed and developed a NodeJS/Express RESTful API & a React JS chrome extension for internal use.
- Designed and developed 4 client web applications (PHP, Twig, Tailwind CSS, Vanilla JS, Jest). E.g. [download.havas.com](http://download.havas.com).
- Wrote business proposals and estimated workload for about 10 mid-size projects.

### CTO & Operations manager, ekino Viet Nam

Ho Chi Minh City, Viet Nam - 2013-2017 - [www.ekino.vn](http://www.ekino.vn)

- Opened, built and managed operations in newly created SEA agency in Viet Nam.
- Hired about 60 persons over 3 years including software developers (Java, PHP, front-end, automation testers, iOS/android), QC testers and project managers.
- Created and managed 5 different teams, controlling production traffic up until ~20 parallel projects.
- Designed the technical solutions for dozens of business proposals, including some major agency wins: Wave Money, Renault, LCL, Mercialis and Volkswagen.
- Led and provided support for the team at every project level (conception, management, client communication, technical architecture, QA and code review).
- More than doubled workforce retention by implementing a knowledge sharing program: weekly presentations and/or coding challenges on new concepts and technologies.

### Technical Project Manager, Backelite

Paris, France - 2009-2013 - [www.backelite.com](http://www.backelite.com)

- Led about 20 mobile projects for clients such as Dailymotion, Allociné, Yellow Pages, telecom operators, etc.
  - ◆ Functional and technical design, end-to-end project management (V-Model, Scrum), cost estimation, planning, client retention.
- Became company's technical expert on a variety of subjects including video rendering and social plugins.

### Full-stack C#/.NET engineer, Phonereader

Paris, France - 2007 & 2008 - [www.phonereader.com](http://www.phonereader.com)

- Conceived and developed an ebooks trading webapp and its back-office (ASP.NET/C#, MS SQL Server)
- Created a community website for Orange Telecom (ASP.NET/C#, MS SQL Server).
- Maintained and improved a mobile rendering engine in C#

## EDUCATION

### EFREI - Master degree in I.T. engineering

Villejuif - 2006-2008

### ENC - Undergraduate in I.T. and management

Paris - 2003-2005