

Frank Gairal

34 yo, French (w/ EAD)
frank@gairal.com
frank.gairal.com
github.com/gairal

Full-stack engineer

Enthusiast Developer, Precise Engineering, Optimal Performances
Living in San Francisco

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
Spanish: beginning
intermediate
Vietnamese: beginner

SPORTS / HOBBIES

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

EXPERIENCE

Solution Architect, ekino US

New York City, NY, USA - 2018-current - www.ekino.com

I joined the Havas Worldwide team in NYC as a tech lead / solution architect where I've been supporting the local tech team and transferring projects to ekino's teams worldwide.

Accomplishments

- Estimation, business proposal, for various mid-size projects.
- Rewrite, re-architecture and maintenance of a company directory bot on Slack (IBM Watson)
- Creation of a RESTful API & chrome extension for an internal project (ReactJS, tailwind CSS, Express, Firebase)
- Creation of a few web applications (Wordpress, Twig, Tailwind CSS, Vanilla JS, Jest). E.g. download.havas.com

CTO & Operations manager, ekino Viet Nam

Ho Chi Minh City, Viet Nam - 2013-2017 - www.ekino.vn

ekino is a digital agency specialized in conception, design, development and maintenance of innovative digital solutions (scalable digital platforms, high performance web services, mobile and hybrid applications and connected objects).

Hired in 2013 to open, build and manage the operations in the Vietnamese agency in Ho Chi Minh, I later transitioned to the position of CTO of the company. My mission has been to develop the team's technical skills and promote ekino's expertise in Southeast Asia.

Accomplishments

- Hired the vast majority of the employees (about 60 persons over 3 years) including software developers (Java, PHP, front-end, automation testers, iOS/android), QC testers and project managers.
- Organized teams, managed traffic and reported to account managers in France or Asia.
- Designed the technical solution for new business proposals (France or APAC projects), including some major agency wins : Wave Money, Renault, LCL, Mercialis and Volkswagen
- Lead or supported the team on all project phases
 - ◆ Functional conception
 - ◆ Project management (Waterfall and Agile)
 - ◆ Communication with clients, workload and cost estimations
 - ◆ Software architecture (design patterns, best practices / coding conventions, integration, quality & performance)
 - ◆ Code review, continuous integration and test methodologies After three years, we reached our goal of creating autonomous teams able to effectively communicate, identify needs, produce and deliver to the highest level of quality.
- Implemented knowledge sharing program: weekly presentations and/or coding challenges on new concepts, technologies. This program united teams, created knowledge coherence, motivated engineers to be more interested and curious in their work, and greatly increased workforce retention.

Frank Gairal

34 yo, French (w/ EAD)
frank@gairal.com
frank.gairal.com
github.com/gairal

Full-stack engineer

Enthusiast Developer, Precise Engineering, Optimal Performances
Living in San Francisco

Technical Project Manager, Backelite

Paris, France - 2009-2013 - www.backelite.com

Backelite is a leading mobile agency in Europe. I conceived and developed native applications for leading companies in sectors such as m-commerce, media, telecom operators and banking.

Accomplishments

- Lead (V-Model, Scrum) about 20 projects for clients such as Dailymotion, Allociné, Pages Jaunes, SFR...
- Designed functionally and technically, end-to-end project management (V-Model, Scrum), cost estimate, planning, client retention.
- Became a technical referent on a variety of subjects including video rendering and social plugins.

Full-stack C#/.NET engineer, Phonereader

Paris, France - 2007 & 2008 - www.phonereader.com

Phonereader designed and developed web-based mobile services for clients like Orange Telecom, as well as being an ebooks editor and being one of the first company to create online ebook library

Accomplishments

- Conception & development of an ebooks trading website (ASP.NET/C#, MS SQL Server) front-office, back-office, front-end & Back-end
- Creation of a community website for Orange Telecom (ASP.NET/C#, MS SQL Server). Analysis of client needs, server setup, website integration.
- Various evolution on a mobile rendering engine in C#

EDUCATION

EFREI

Villejuif - 2006-2008

Master degree in engineering specialized in I.T. (option software engineering).

Learning

- Team and project management
- Algorithm, databases, modelization,...
- Programming (C#/.NET, C, Java, C++, Flex,PHP,...)
- Law, marketing, probabilities, electronics,...

Extra activity : Tutored mathematics to middle school students (14 yrs) with the association EAH (EFREI's humanitarian association).

ENC (National School of Business)

Paris - 2003-2005

BTS (Undergraduate in Information Technology and Management)