

Gilles FABRE

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50 years old



## Lead Developer

JavaScript & TypeScript frameworks

[www.gillesfabre.com](http://www.gillesfabre.com)

### Skills

#### **2016 - 2022 : Angular / React Native / NodeJS**

- Languages : JavaScript, TypeScript
- Technologies : Angular, React Native, NodeJS, NestJs
- Tools : SonarQube, Jest, Genese Complexity

#### **2000 - 2015 : PhP / MySQL**

- Languages : HTML5, CSS3, JavaScript, PHP, SQL

#### **1994 - 2015 : Leading business (CEO)**

- Management, human resources manager, commercial operations, etc.

### Work history

Sep 2018 - present : Lead Developer frontend in CapGemini (Web & Mobile Apps)

Jan 2017 - Aug 2018 : CTO / Lead Developer fullstack in a start-up in Montpellier (France)

Sep 2016 – Jan 2017 : Training course Mobile Apps Developer

1994 - 2015 : Founder / CEO at Pythagore France and NHK Formation

1998 – 2000 : Certified mathematics teacher in national education

### Personal project : Genese Complexity

Genese Complexity is an open-source node-module that analyses the code quality of TypeScript, JavaScript and Java projects.

@genese/complexity : <https://github.com/geneseframework/complexity>

### Education

1997 : CAPES in Mathematics (French official teaching certificate, Master level)

1998 : DEA (Master) in mathematics (specialization in algebra) at Montpellier's University

### Foreign languages & Areas of interest

- English (spoken and written), Russian (beginner)
- Astrophysical, Macro-economy, Geostrategic, Political philosophy, History of religions

## Detailed Projects

### **Developer for Bleu Libellule**

Technical environment : React Native

Context : Development of an e-commerce mobile app for clients and shop owners of the Bleu Libellule group

Workforce : 4 developers

Duration : 1<sup>er</sup> january 2022 – today (integrated in the team during the project)

### **Developer for the Fabre Museum**

Technical environment : Flutter

Context : Development of an augmented reality mobile app for painting recognition

Workforce : 4 developers

Duration : 2 months (integrated in the team during the project)

### **Architect for CapGemini**

Technical environment : TypeScript (static code analysis)

Context : Development of a new feature for the open-source module Genese Complexity developed previously by myself (adaptation to Java)

Role : Obtention of a budget from the R&D department of CapGemini & Technical direction of the project

Workforce : 4 developers

Duration : 6 months

### **Architect for Naval Group**

Technical environment : Angular

Context : Cyberdefense webapp embedded in submarines and frigates

Role : Response to build solicitation, technical presentation to the client, technical lead of the developers during all of the project. Presentation of the quality code analysis to the client each end of sprint with multiple tools like SonarQube or my own tool Genese Complexity

Workforce : 4 developers

Duration : 6 months

### **Author of the Genese Complexity module (open-source project)**

Technical environment : Static code analysis in TypeScript

Context : Personally developed an open-source module (@genese/complexity) which analyses the cognitive complexity of the code of a given project (written in JavaScript or TypeScript). This module allows to estimate the maintainability of a software

Duration : 3 months

### **Quality analyst for AXA**

Technical environment : TypeScript / React / React Native

Context : Code audit of a React / React Native app developed by a provider of AXA

Role : Quality analyst

Workforce : 3 developers

Duration : 3 months

### **Lead Developer for Airbus Helicopters**

Technical environment : Angular 10

Context : Development of a webapp in the context of a digitalisation process of the analysis of the wear of helicopters parts

Role : Technical. Lead (frontend team) and database modelisation

Workforce : 6 frontend developers and 9 backend developers

Duration : 1 year

**Developer for Sanofi**

Technical environment : React Native

Context : Development of a mobile app for clinical trials

Workforce : 1 frontend developer and 2 backend developers

Duration : 3 months

**Lead Developer for BSWEB**

Technical Environment: MEAN (MongoDB, Express, Angular 2, NodeJs)

Context: Development of a data-mining webapp

Workforce: 4 developers

Duration: 18 months