Thomas Godart
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Consultant **Senior Developer**

Technical **Director**

**Golang – PHP – JavaScript – HTML – CSS – SQL
SaaS – Frontend – Backend – Devops**

Technically astute and creative minded professional, with comprehensive experience in software engineering, project direction, autonomous robotics, consciousness and philosophy

Qualification Summary

- Possess software engineering expertise, in development of products through software lifecycle, from requirements definition through successful deployment. Demonstrated ability to collaborate and gather business expectations focusing on creating outstanding value and client experience.

- Credited with master's degree topic: "Robotics and Intelligent Systems" from "Pierre and Marie Curie University" in "Sorbonne University" in 2002, and engineer's degree topic: "Systems Command, Identification, and Dynamics" from "Arts et Métiers ParisTech" in 2002. Instrumental in introducing methodologies and best practices that enhance product definition, release processes and customization of applications to user needs.

- Processes exceptional coding, analytical thinking, and customer focusing skills. Excelled in rapid application development and management of technological issues for assigned projects, earning highest customer satisfaction rating for all software solutions delivered. Skilled in developing programs, adding new features, and fixing bugs.

Technical **Skills**

Server languages: **Golang** (Gin, Gorm), **PHP** (Zend, Symfony), C++, C

Client languages: **JavaScript** (jQuery, Vue.js, React), TypeScript, Dart

Technologies :   **HTML, CSS, IMG, SVG, PDF**, Material Design

Databases: **SQL (PostgreSQL, MySQL, SQLite)**, NoSQL, GraphQL

Tools: **Git,** SVN, **Slack**, **Notion**, Asana, Jira

Stack :   **Nginx**, Apache, **Systemd**, **Launchd**, Docker, Kubernetes

Systems: **Linux, Ubuntu**, MacOS, GCP, AWS

Scripting: **Bash, Regexp**

Methodology: Agile: **Extreme Programming, Scrum, Kanban**

        Programming: **Object Oriented, Functional**

Diploma Courses

2001 - 2002   Paris Sorbonne — Master 2
        Robotics and Intelligent Systems

1999 - 2002   Arts et Métiers ParisTech — Engineering Degree
        Control, Identification, and Dynamics of Systems

1997 - 1999   Math Sup / Math Spé TSI
        Technology and Industrial Sciences

1997   Baccalaureate STI Electrotechnics
        Mention "Very Good" with the Jury Congratulations

Achievements

SaaS software made:	**18** (at 100%) in **18** years
Technical Director:	**9 years**
Freelance:	**16 years**
Bilingual:	**9 years** English, **native** French
Efficiency:	**15k lines** of code in **9 months** @ Rollee

Experience

Most **significant** experience

4/2021 – 10/2022 CTO hands-on co-founder @ Rollee

Company background: **Verification of employment data**

Project context: **Automate the verification of employment data, eliminate the risk of fraud and human error, act as a trusted third party. Help managers of fleets of drivers, vehicles, or delivery, to supervise their activity. Retrieve, standardize, aggregate financial, technical, geographic employment data**

My achievements :

- Definition of feasibility, risk, costs, schedule
- Definition of teams, responsibilities, recruitment of the technical team
- Manufacture of the solution, software, platform
- Infrastructure administration
- Achievements: 15k lines of code in 9 months, helping to raise €4.6 million in 1 year

Projects : Rollee Connect, Dashboard, API, Fetch, Backoffice, Database, Infrastructure

Stack **Golang** (Chromedp, Gin, Gorm), **Systemd, Ubuntu, Dedibox, MacOS, remote, english**

7/2009 - 12/2015 CTO hands-on @ Greenflex

Company background: **GreenFlex is a French company in the sustainable development sector**

specializing in supporting the environmental and societal transition of companies and regions

The company is structured around a multi-expertise model composed of 4 professions:
- **Consulting, to build roadmaps of its customers and ensure their deployment**
- **Operational support, to implement energy and environmental performance projects**
- **Digital, to connect and enhance data in order to optimize performance**
- **Funding, to accelerate and finance business plans Actions**

My achievements:

Technical Direction

- Definition of solutions

- Feasibility analyzes

- Architecture of software, databases, server infrastructure

- Supervision of developments

- Respect of schedule

- Technological watch

Full Stack development (Agile)

- Creation and architecture of business software (10+ software)

- Functional evolutions

- Maintenance of applications

- Evaluation of customer requests

- Specifications of developments

- Customer data management

Infrastructure administration

- Creation, Architecture, and administration of the infrastructure (10+ servers)

- Access management, Security, High availability (4 new), On-call

- Load tests, Monitoring, Updates

- Tools administration (150+ projects)

Projects: Ecoguide-IT, Ecoguide-MFV, DiagIT, MyEcoguide, MyPark, MyTracking, GodartBots, Ecoguide, Backoffice

Stack **PHP (Zend, Symfony), SQL (PostgreSQL, MySQL), NoSQL (Flex), JavaScript (jQuery), HTML, CSS, IMG, PDF, Git, SVN, Ubuntu, Bash, Ontology**

Experience

2/2021 – 3/2021 Senior Backend Developer @ Argyle

Company background: **Verification of employment data**

Project context: **Automate the verification of employment data**

My achievements :

- Develop tailor-made solutions for the cloud infrastructure
- Follow the company practices, document, report on the work done

Stack **Golang, gRPC, Google Cloud (GCP), MacOS, remote, english**

5/2020 - 6/2020 CTO @ Futura Gaïa

Company background: **In response to the food and public health challenges of future generations, Futura Gaïa is developing a model of precision vertical agriculture in a controlled environment. The ambition is to offer products with irreproachable health, nutritional and taste qualities, accessible to all, in a short circuit with a guaranteed supply all year round**

Project context: **An ERP is a very central software in a company's organization, it impacts all jobs, it also structures databases and organizes all material and information flows**

My achievements:

- Evaluation of the different available ERP solutions
- Comparison of the solutions between them, choice of a solution
- Structuring of the project, project launch

12/2019 - 03/2020 Lead Developer @ Exaprint

Company background: **Exaprint is the leading online printing company in France. For more than 20 years, it has offered communication professionals as well as companies and traders, high-quality customizable advertising and communication media**

Project context: **Redesign of the tailor-made internal solution called "AMS", from PHP to a**

solution NodeJS + Gatsby + Contentful

Scope: **PHP OOP, JavaScript, NodeJS, dedicated servers and AWS cloud**

My achievements:

- Development of tailor-made solutions
- Implementation of a documentation strategy
- Benchmark and optimization of the stack
- Presentation of the Golang language in conference in front of the IT pole (20 people)
- Golang Hackathon: loading the 700 pages of the public site in 0.11 seconds on a custom Golang server, which is 7000 times faster than the staging platform

Stack **PHP, JavaScript, Golang, AWS, Github, Jira, Confluence, Contentful**

6/2019 - 8/2020 Fullstack Entrepreneur @ Godart

Company background: **The liberal professions in France (doctors, architects, ...) do not have access to a platform that centralizes their issues, the market is fragmented, they are isolated. We can help them**

Project : **Micro softwares (web and mobile) for liberal professions**

My achievements:

- Creation of a CMS platform which acts both as a database and as a user interface for work and input
- The database can be configured on the fly, in real time
- The tool can be used simultaneously from several devices for the same account
- It works both online and offline, and resynchronizes

Stack **Golang, PHP (Zend), JavaScript (jQuery), PostgreSQL, Ubuntu, Material Design**

6/2019 - 9/2019 Fullstack Developer @ TwinswHeel

Company background: **TwinswHeel is a standalone parcel delivery droid. TwinswHeel designs and manufactures the droids that will contribute to the future of urban logistics**

Project: **Software for Generating Mappings for Autonomous Travel**

Project context: **The objective of the project is to allow the configuration of droids from an ergonomic web interface, to order, see what they know, and enrich their mental map with additional information, for example obstacles that they might not see, the rules of the road that**

they might not know, areas of danger in which to reduce their speed, etc.

My achievements:

- Collection of specifications, re-expression of needs

- Installation and configuration of environments:

    o development,
    o acceptance,
    o production

- Development of client-side interfaces

- Development of server-side mechanisms and APIs

- Management of user rights access

- SQL updates, deployments,demonstrations

Stack **PHP (Zend), JavaScript (jQuery, D3.js), SVG, PostgreSQL, Ubuntu, Material Design**

1/2018 - 3/2019 Fullstack Entrepreneur @ Ici-Bas

Company background: « **Ici-Bas** » **is the project to develop a social network engine that is peer to peer, decentralized and redundant**

Project: **Decentralized social network with ontology and artificial intelligence**

Project context: **The goal of the project is to give back to the user the control over his personal data who is coming from those networks: social, employment, dating/meeting, photos, questions and answers, traveling, and discussion**

My achievements :

- Creation of a generic social network platform

- The compiled solution is downloadable and easy to relaunch at a new address

- A new installation remains in contact with its parent

- The network formed is peer to peer, decentralized and redundant

- Each node only knows the perimeter of its own affinities

Stack **Golang, PHP, JavaScript (jQuery), SQL (PostgreSQL, SQLite), Ubuntu, Ontology**

7/2008 - 3/2009 Technical Director @ InterSphères

Company background: **InterSphères has been a solutions integrator for managing real estate stocks since 1993. They operate in France, Belgium, Switzerland and all French-speaking territories**

Project context: **Definition and implementation of the new strategy for the development of the company towards the web . Integration of the Aperture VWS solution**

4/2007 - 6/2009 Senior Consultant @ France Telecom R&D

Company background: **Orange Games is the subsidiary of Orange Labs (formerly France Telecom R&D) which deals exclusively with entertainment and games online**

Project: **Gamer Network (6 months)**

Project context: **Enhancement of the Orange Games platform**

Project: **Open Games** « Whosegame.com » **(1 year 4 months)**

Project context: **Creation of a community platform for online creators and players**

Mes achievements:

- Creation of a new community platform

- Agile methodology

- Creation of the front end, back end, front office, back office

- Database architecture

- Administration of users, their activities, access rights

- Creation of a game in Flash: « Xtreme Gravity »

Stack **PHP, MySQL, JavaScript, Adobe Flash**

10/2006 - 3/2007 Fullstack Developer @ Wengo

Company background: **Wengo is the first site in Europe dedicated to bringing together experts and individuals. More than 7 million consultations are carried out across nearly 14 countries. Its mission is to allow everyone, individuals and professionals to contact the best available expert to answer their questions**

Projects: 1 / **Waltz of domains,** 2 / **Rewriting of URLs, and** 3 / **participation in the creation of the new networking platform** « Wengo.fr »

My achievements:

- Creation of a PHP script which analyzes at once all the repositories of the company, searches and replaces all the domain names (with a waltz) in all the different languages used, stop the entire platform and relaunch it with the new configuration

- Creation of a Regexp script that rewrites all the URLs of the public site, to optimize natural referencing

- Contribution to the creation of the new wengo.fr website for connecting professionals with end customers

Stack **PHP, PostgreSQL, SQLite, Regexp, Apache, Mod_Rewrite, Bash**

3/2003 - 9/2006 Fullstack Developer @ InterSphères

Company background: **InterSphères has been an integrator of real estate portfolio management solutions since 1993. They operate in France, Belgium, Switzerland and all French-speaking territories**

Integrator of assets management software: **Aperture**

Development of customized SaaS web software

Customers: **Apec, AXA, The European Parliament, Sodexo, ARTE**

My achievements:

- Collecting the customer's needs

- Definition of a solution adapted and tailor-made to its use

- Aperture configuration, specific tailor-made SaaS development

- Delivery of the tool to the customer, customer training on the tool, adjustments

- Corrective and evolutionary maintenance

Stack **PHP, MySQL, JavaScript, Aperture**

Personal Projects

1/2016 - 12/2017 Writer @ Infinitely Many

Books: « Infinitely Many » (2016), « Infinitely Many... more » (2017)
Subjects: consciousness, intelligence, intuition, perception, dimensions, infinity, ...