



Thomas Foricher

Software Engineer / Full Stack developer

RENNES, FRANCE

Employment history

Software Engineer at Reech, Rennes

May 2018 – Present

- Design, develop, test, deploy, maintain and improve internal solution
- Provide expertise and leadership in Solutions Architecture

Stack : CakePHP, Node.js, Python

Full-Stack and Big Data Engineer at Happy Blue Fish, Rennes

Septembre 2017 – May 2018

- Tailored the complete serverless architecture on AWS and GCP for a SAAS project
- Developed the complete backend and frontend of the product
- Maintaining scalability, redundancy of data
- Computing statistics on big amount of data
- Research and development on machine learning technologies

Stack : Git, Node.js, Vue.js, Go, AWS, Docker, Python (Numpy, Pandas, TensorFlow, Scikit-learn)

Co-Founder and CTO at Made On Mars, Rennes

November 2015 – December 2017

- Lead on architecture choices to develop a platform as a service
- Setting the development tools to collaborate remotely
- Building microservices on Amazon Web Services to allow infinite scalability
- Building websites, Android, iOS apps for customers
- Staying updated with new technologies and standards

Projects : candineo.com, lycee-latouche.com, drts-game.xyz, spacegarden.io

Stack : Git, Node.js, React.js, Vue.js, Cordova, MongoDB

Lead Developer at Useweb, Rennes

January 2015 – November 2015

- Lead on architecture choices to develop a new version of major estate French brand laforet.com (+700 agencies)
- Evaluate the project needs and introduction technical solutions to executive team.
- Manage development team (5 people)
- Optimise support processes
- Build websites and apps for major french brands

Projects : laforet.com, la-spa.fr, samsic.com

Stack : Git, CakePHP, Node.js, jQuery, Drupal, MySQL

Web Developer - Freelancing

April 2014 – December 2014

Developing projects for some former NZ and new FR clients

Web Developer at Young & Shand, Auckland, New-Zealand

May 2013 – April 2014

- Lead on architecture choices to develop major brands apps and websites
- Maintaining server structure, security and response time
- Managing internal and external team (about 7 people) to build a core product which became: <https://giveitanudge.com>
- Implementing unit testing, documentation, deployment processes and continuous delivery

Projects : Cadbury Dream Factory, KFC Build your own burger, The Walking Dead season 4

Stack : Git, CakePHP, Node.js, jQuery, Backbone.js, Python, Fabric, MongoDB, MySQL

Game Monetization Manager at Gameloft, Auckland, New-Zealand

March 2012 – January 2013

- Defining the business and monetization strategy through data analysis.
- Reporting the trend and results to the top management.
- Managing worldwide acquisition campaigns.
- Developing and setting large databases to increase the storage and optimize the games.

Projects : Littlest Pet Shop, My Little Pony, Wonder Zoo iOS and Android

Stack : SVN, Python, MySQL, MongoDB

Details

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AGE

32 yo

NATIONALITY

French

DRIVING LICENSE

Full

Compétences

CONCEPTION / ARCHITECTURE

Microservices / Serverless

Amazon Web Services

Google Cloud Platform

UML

API REST standard

Agile / Méthode SCRUM

BACK-END

Node.js - Express

PHP - Symphony, Drupal, CakePHP

Python - Flash, Django

Go

C / C++

Java

FRONT-END

Vanilla JavaScript (ES6)

React.js

Vue.js

Angular

Webpack, Gulp

HTML / CSS

Business Intelligence Analyst at Criteo, Paris & London

September 2009 – April 2011

- Campaign management from the implementation of the ads to the customer care for European countries (more than 300 customers).
- Data mining in order to optimize the recommendation algorithm
- Developing and setting A/B Tests for important customers in order to measure the result of our products in a design, structural, efficiency point of view.
- Developing automated reports and intern tools to help the interpretation of the results

Stack : MySQL, MSSQL, R, Python, Microsoft Reporting Services

Internship Game developer, Silicon Carne, Paris

March 2009 – July 2009

Online game developement in Action Script 3.

Projects : *Tout le monde veut prendre sa place*, *Question pour un champion (Going for Gold)*

Internship Project Manager at Publicis Modem, Paris

June 2008 – September 2008

- Developing marketing strategies (Groupama – Amaguiz.com, Cannes film festival)
- Creating <http://www.moncarnetderoute.com> website for Renault targeting senior customers

Certifications

MOOC Machine Learning by Andrew Ng, Stanford University

March 2018 – Today

- Linear Regression
- Cost function / Stochastic gradient descent

MOOC Big Data fundamentals, MinesTelecom

January 2018 – March 2018

- Linear Algebra, Probability, Numerical Analysis, Statistics
- Pandas and Numpy libraries
- Limitation with relational database
- Perceptron classification

Education

Ecole Centrale d'Electronique, Paris

2006 – 2009

Degree: Computer Sciences

University Irvine California, Irvine

August 2008 – September 2008

Degree: Diploma of Finance, Marketing, International Management

Conservatoire National des Arts et Métiers, Paris

2007 – 2008

Degree: Diploma of Software Engineering

BASE DE DONNÉES

MySQL

PostgreSQL

MongoDB

Redis

DynamoDB (AWS)

Redshift (AWS)

Datastore (GCP)

DEVOPS

Sysadmin / UNIX / Bash

Puppeteers / Fabric

Docker

Kubernetes

Continuous Delivery

Git / SVN

MACHINE LEARNING

Tensorflow

Apache MXNet

Neural networks / Q-Learning

Amazon Sage Maker (AWS)

Languages

French

English

Spanish

Hobbies

Hiking
Surfing
Playing guitar
Hacking stuff