



**Nicolas DORIER**

Professional developer

## Situation

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**Name** DORIER Nicolas  
**Date of birth** 18 July 1988  
**Nationality** French  
**Civil status** Married  
**Location** Tokyo  
**Email** [nicolas.dorier@gmail.com](mailto:nicolas.dorier@gmail.com)

## Training, Education

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- SUPINFO International University Bachelor Degree (2006-2011)

## Languages

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- French: mother tongue
- English: fluent
- Japanese: Basic level

## Current work

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**Representative director and board member of BTCPay Server 一般社団法人 (Since Feb-2020) Japan**

- Non-profit organization in Japan aimed at providing funding to the open source project BTCPay Server. (English version: <https://btcpayserver.org/>, Japanese version: [https://btcpayserver.org/ja\\_JP/](https://btcpayserver.org/ja_JP/))
- Managing corporate donations, payments to contributors and the treasury of the organization.

## **Software Architect at DG Lab Blockchain Team (Since Feb-2017) Japan**

- Research lab on blockchain technology.
- Implementation of DLC (Discrete Log Contract) on Bitcoin (<https://github.com/dgarage/NDLC>)
- Implementation and maintenance of NBXplorer, an infrastructure server for any crypto currencies forked from Bitcoin. (<https://github.com/dgarage/NBXplorer/>)
- Creation of hardware home server for hosting several Bitcoin services locally. (<https://docs.btcpayserver.org/Deployment/Hack0/>)
- Co-organizer of several Bitcoin and Liquid related conferences in Japan. (Blockchain Core Camp conferences <https://bc-2.jp/>)

*Environment: Armbian, Linux, Dotnet core, Liquid, Bitcoin, DLC*

## **Previous work**

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### **Representative director and board member of NSLASH 合同会社 (July-2018 – June 2023) Japan**

- Business entity I created in Japan to sell my consulting and development services regarding dotnet development and digital asset expertise.
- Main customer: Metaco SA (More details below)

### **Founder and VP Digital Currencies at Metaco SA (May-2015 – June 2023) Switzerland**

- Swiss company selling institutional digital asset custody and orchestration solutions. (<https://metaco.com/>)
- Acquired by Ripple SA for \$250M (<https://www.businesswire.com/news/home/20230514005055/en/Leading-Enterprise-Crypto-Company-Ripple-Acquires-Custody-Provider-Metaco-for-%24250M>)
- Maintenance of NBitcoin, the leading dotnet library for working on digital assets derived from Bitcoin.

### **Board member and developer at Blockchain Hub (June 2016 – March 2017) Japan**

- Consulting and Training related Blockchain Technologies mainly Bitcoin.

*Environment: Dotnet core, Linux, C++, Python*

### **President of AO-IS (Aug 2012 – June 2016) France**

- Product development, design and marketing of low cost cloud based training infrastructure.
- Product development, design and marketing of IaaS Management Studio
- Consulting and Training

### **Independent .NET trainer and developer (Jan 2012 – Aug 2012) France**

- Give training for enterprise as well as schools on .NET development.
- I share my passion for my job and develop my students' curiosity.

### **President and developer at Easydhome SAS (Feb 2011 – Jan 2012) France**

- Home automation SAS software (Dhome Bot) integration with the real world and inter-object communication. (sensors, motors, motion detector, counters)
- Development on resource restricted devices (**Netduino**, **Gadgeteer** with **.NET Micro Framework**)
- I made these devices communicate on internet through **Windows Azure** messaging solutions to achieve high reliability at low cost. (**Queue Service API**)

*Environment: Windows Azure, Gadgeteer, .NET Micro Framework, SQL Server, Varuna, X10, ZWave, Zigbee*

### **Independent .NET developer and trainer (June 2010 – Jan 2011) France**

- **Trainer** on .NET technology for SUPINFO Montreal and professional clients to classroom of more than 50 students.
- Creation of an ESB connecting interoperable clients (Java and .NET) through **WS-\*** standards like **WS-Security** for client's authentication with **X509 Certificates** to highly reliable services listening on **MSMQ**. Proxies were easily created by combining services and ESB **WSDL** documents.
- Development of duplex mode support for MSMQ bindings in WCF  
<http://www.codeproject.com/KB/WCF/duplexmsmq.aspx>

*Environment: SQL Server, MSMQ, WCF, Windows Phone 7 development, Silverlight*

## **Co-Founder and developer at After-Next (Nov 2009 – May 2010) France**

- Development of an RIA solution with **Silverlight** to make Human resources management in an health care at home center easy.
- We used Bing maps services to manage how personnel will move. And **Telerik's** control, to manage their calendar and missions.

*Environment: SQL Reporting services, .NET 4.0, Silverlight, Office development*

## **Developer at Pebbleage at Geneva (July 2009 – Nov 2009) Switzerland**

- Development on a Tax reporting and Transfer Pricing Solution - Micro credit interface and data access improvement.
- Migration from out of the box **ASP.NET** controls to **Telerik** and **DevExpress** controls (pivot table, and grids)
- Code conversion from VB.NET to C#
- Creation of **Office** add ins to easily exploit multidimensional data from **Oracle** Hyperion Financial Management in **Excel**.
- Establishing continuous integration with **TFS 2008** and **MSBuild** scripts of their products Financial Agility. This made deployment easier and made the feedback cycle shorter.

*Environment: Office integration, .NET 3.5, WCF, Oracle Hyperion Financial Management, DotNetNuke, MSBuild, TFS*

## **SUPINFO Certified .NET Trainer –SCT- (Feb 2009 – June 2009) France**

- **.NET trainer** for the 3<sup>rd</sup> and 5<sup>th</sup> year's students at SUPINFO on various technologies.
- Teaching to a classroom of 80 students in SUPINFO Lyon how to create software with .NET technologies. (**Winforms, ADO.NET, WPF, .NET Remoting and WCF**)

*Environment: .NET 3.5, Winforms, ADO.NET, WPF, .NET Remoting, WCF*

## **Developer at Arcan, part-time (Jan 2007- Jan 2009) France**

- Developer of an SAS solution called HAD to centralize and organize (ERP) the organization of a health care at home center.

- I worked on the migration of their **ASP.NET 1.1 / SQL Server 2000** solution to **ASP.NET 3.5 / SQL Server 2008**.
- I did on the migration of their source code from **Source Safe server** to a **TFS 2008 Server**.
- Creation of **CR11** reports on the patients and human resources data.
- Data exchange integration between multiple functional units inside a health care at home center with **EDI** standards.

*Environment: .NET 3.5, Visual studio 2005, SQL Server*