

François Monniot

Software Engineer

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Work Experience

- Jan – Jul 2016 **Software Development**, *Samsung Semiconducor Inc*, San Jose, California
Working in the data pipeline team at [Samsung SAMI](#).
Providing new possibility for developers to use and access IoT data via the SAMI platform.
- Feb – Jul 2015 **Video Games Development**, *Metidia*, Paris, France.
Worked on the development of the video game [Vinoga](#), a video game in the browser which take the farmville concept to the wine world and let you buy the wine you created in game.
Was in charge of implementing new functionalities and maintaining the client (Backbone.js/DOM, CreateJS/Canvas) and the backend (Sails/node.js). Designed the underlying infrastructure to support player's growth (10k/month) using container on AWS.
- May – Aug 2013 **Java Development**, *Alter Frame*, Versailles, France.
Learned a new techonology (JavaFX) and successfully delivered the product during this internship. Brought new agile methodology and oriented the company towards mobile, cloud and big data processing. Evangelized tests and added many of them on newer and older projects.

Education

- 2011 – 2015 **M.S. Telecom Engineering**, *Institut Mines-Télécom*, Évry, France.
Final year towards a Master's degree specialising in *Distributed Systems Architecture*.

Skills

Programming	Java, Scala, Ruby, Go
Platforms	Cassandra, Redis, Elasticsearch, Hadoop ecosystem, Android
Web Programming	Ruby on Rails, Javascript, Elm, Phoenix framework, HTML5/CSS3
OS	GNU/Linux (Debian, ArchLinux), Mac OSX
System Administration	Virtualization/Container (KVM, OpenVZ and Docker), Puppet, AWS
Other	Nginx, SQL, Git, Bash

Related experience

- 2011 – 2015 **Treasurer 2012-2013**, *MiNET student association*, Internet Provider (700+ subscribers).
Software developer, System Administrator
Managed a budget of 40k€ and an event of 1000 people.
Virtualized servers with OpenVZ/KVM managed by Proxmox.
Maintained and improves the user management system based on Ruby on Rails.
Successfully centralized log with syslog, Logstash and Elasticsearch.

Personal Projects

- Sep 2014 **MiNET OAuth Provider**
Created an OAuth provider to help junior developer launch easily their applications using MiNET accounts.
- Mar 2014 **Trello Blog**, can be found [on GitHub](#).
Created a blog engine on top of the Trello platform to minimize the cost of a blog (potentially no cost to deploy) with Angular.js.

Nov 2013 – Feb 2014

Directory, *can be found* [on GitHub](#).

Development of a directory using Ruby on Rails, AngularJS and ElasticSearch to let student of Telecom SudParis find one of their peer (by using their initial or complete name).

Languages

French Mother tongue

English Fluent (B2 European level, TOEIC 955/990, Living in California)

Other Interests and Activities

Sport Archery (15+ years)

Open source