# Sébastien Fievet

Software/System Engineer

## about

French C Work permit

ABVd. de la Cluse. 21 1205 Genève CH **J** +41 78 821 23 91

**S** sebastien.fievet ✓ hi@sebastien-fievet.fr

## languages

mother tongue french fluent english

## programming

Python, Clojure, Go, Erlang Flask, Django Javascript (ES2015), Vuejs PostgreSQL, MySQL, NoSQL Redis, Memcached Elasticsearch, Solr Nginx, Apache DigitalOcean, Exoscale, AWS Ansible, Puppet, Salt, Bash Linux, Mac, Git

## elsewhere

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## **summary**

Python/DevOps/Free and Open-Source Software (FOSS) enthousiast & hacker Meetup organizer & Conference speaker

## **experience**

#### 2016-2018 Finity, Geneva CH

Software/System Engineer

Developing chatbots with Artificial Intelligence (AI) and managing overall company infrastructure.

- Developped webhook-based applications leveraging real-time Application Programming Interface (API)
- Trained specific model to detect and answer user queries (Wit, Rasa, DialogFlow)
- Developed web-based UI components leveraging Quasar framework to display rich user/bot interactions (inspired and compatible with Messenger SOftwrae Development Kit (SDK))

#### 2014-2016 Shoreware, Geneva CH

Software/System Engineer

Managing operations and systems while developing internal tooling to speedup and simplify application development and deployment.

- Evolved to fast, reliable, idempotent deployments
- Built a web-based interface (ala Ansible Tower) to automatically provision and configure customer instances
- Moved to fully monitored platform with metrics/error aggregation and CI/CD support with packaging

#### 2013-2014 SixSq, Geneva CH

Software Engineer

Worked on python-related projects:

- video server API binding for European Broadcasting Union (EBU)
- metering system (client and server) for SlipStream™

#### 2013 World Intellectual Property Organization (WIPO), Geneva CH

Software Engineer Enhanced publishing applications for patent classification(NICE, IPC and CPC).

#### 2010-2012 Hyperweek, Geneva CH

Chief Technology Officer (CTO)

In charge of the technical-related side of the startup, including back-end development and architecture, deployment and monitoring, infrastructure design and technical strategy/decision.

- Evolved from fork-based projects to a framework-based approach with reusable components/apps and pluggable customer project
- Enhanced infrastructure design and monitoring to handle customer scaling/hosting issue
- Built a python/puppet-based deployment tool to handle a SaaS-like strat-
- Developed dozens of tailored Hyperweek-based projects

#### 2009-2010 Salsadev, Geneva CH

VP Product Development

Lead developer of the following projects:

- Jetpack-based plugin built on top of the in-house semantic platform
- Prototypes for presale
- Internal cloud-computing platform
- API Proxy application (ala Mashery)
- Adobe Air semantic application

#### 2007-2009 Rue du Commerce, Aix-en-Provence FR

Software Engineer

As a member of the marketplace team, I worked as a Lead developer on the following fields:

- Payment processing
- Order management
- Billing accounting

#### 2006-2007 Capgemini, Marseille FR

Software Engineer

As a member of the Open Source departement I worked on:

- Prototypes for presale
- Extranet for a french regional institution
- End user documentation and installation manual for developers Between contracts I maintained critical (billing) B2B applications.

### 2005-2006 Mobivillage, Marseille FR

Software Engineer

Worked on custom projects like:

- database-driven applications like downloading platforms (products catalog listing, online shipment and payment, geolocated services)
- event-driven websites and mass text-messaging tool for trademarks cam-
- a mobile-targeted game editor based on building blocks assembly (ala Virtools)

#### 2004-2005 Newtgames, Marseille FR

Software Engineer

Maintained web-3d client and geolocation engine used by MogiMogi - a location-based collecting game. Game deployed in Japan and Spain.

## education

2003-2004	Mastère Spécialisé 3D computing and Virtual Reality	Institut Image, ENSAM
2000–2003	Master of Computer Science with honors Specializing in Software Development and Image Co	Polytech Marseille omputing
1998–2000	<b>Classes Préparatoires aux Grandes Écoles</b> Lycée Frédéric Mistral, Avignon  Preparation for national competitive entrance exams to leading French "grandes écoles", specializing in Physics and Engineering Science.	
1998	French Baccalauréat S. with honors	Lycée Jean Monnet, Vitrolles

Paris FR

out there

- Grew up in Abidjan Cl (10 years)
- Living in Genève CH since 9 years

Specializing in Mathematics

## recommandations

"During 2.5 years, Sébastien was acting as a real co-founder, involved in crucial decisions, resolving complex issues for our roadmap, our services and our infrastructure. Thanks to his amazing work and involvement, HyperWeek succeeded to deliver on time, reduced support to maximum, improved its processes. Mastering accounting too."

Raphaël Briner – Founder, Hyperweek

"Having worked closely with Sébastien for more than 2 years at HyperWeek, I can say he's an expert of Python and the Django web framework, of which he was an early adopter. He's also got excellent DevOps skills. In a short period of time he greatly consolidated the web application stack and built a robust infrastructure which is now running dozens of clients' projects (most of them extensively using Amazon Web Services).

Sébastien is also a great team player and often raises interesting points which help make a better product. He definitely brings much more than technical expertise to a project.

I would warmly recommend him to anyone looking for an experimented and talented software developer or architect."

Julien Mouille – Web Designer & Developer, Hyperweek

"J'ai recruté Sébastien dans le cadre du développement de la Marketplace de Rue-DuCommerce. Je recherchais alors des Web Developpers capables de prendre à bras le corps des pans entiers du projet, et de travailler en totale autonomie dans un contexte Agile. Tout au long de notre collaboration, Sébastien a démontré son ouverture d'esprit, sa créativité, son professionnalisme, et sa rigueur. Sébastien sait associer son penchant naturel pour la pointe de l'art, au pragmatisme que nous impose parfois la réalité du business.

Je recommande donc Sébastien sans réserve."

Johann Evrard – Directeur E-Commerce et Digital, Rue du Commerce

"J'ai travaillé avec Sébastien lorsque j'étais chef de projet fonctionnel chez Rue-DuCommerce. Sébastien est efficace, minutieux et passionné. Il fait preuve de créativité et de pragmatisme, trouve des solutions rapides aux problèmes complexes et ne perd jamais de vue la vision business.

Je recommande Sébastien les yeux fermés."

Caroline Baeyaert – Responsable éditorial Web, Rue du Commerce