Sébastien Fievet
Software/System Engineer

about

French
C Work permit

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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

🐦 zyegfryed
♙ zyegfryed
▼ zyegfryed
📢 zyegfryed
in sebastienfievet

summary

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

experience

2019-	**KiWi, Lausanne CH**	Software Engineer/Engineer Manager

As a lead backend engineer, I'm managing a remote team based in Mexico focusing on bringing better visibility and higher velocity for an improved reliability of the overall platform. Regarding some achievements, over only few months, we sucessfully upgraded all the key components of our stack to latest major releases – Python 2.7 to 3.7, Django 1.11 to 2.2, PostgreSQL 9.6 to 11, with barely any downtime and no impact on the business.

2017-2019	**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))

2014-2017	**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 strategy
- 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 campaigns
- 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 Computing	Polytech Marseille
1998–2000	**Classes Préparatoires aux Grandes Écoles** Preparation for national competitive entrance exams to leading French "grandes écoles", specializing in Physics and Engineering Science.	Lycée Frédéric Mistral, Avignon
1998	**French Baccalauréat S. with honors** Specializing in Mathematics	Lycée Jean Monnet, Vitrolles

out there

Born in *P*aris **FR**
Grew up in *A*bidjan **CI** (10 years)
Living in *G*enève **CH** since 10 years

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, *R*ue 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, *R*ue du Commerce