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Summary

My adventures so far this have led me to some degree of competency in:

- French, Spanish, Russian, German, and a bit of Haitian Creole
- the federal student aid system, Medicare, running shoes, labor law, genealogy, forensic analysis of collections of old photographs, linguistic and anthropological cogitation, mysteries in general, brains, hydroponic gardening, crocheting, boating, raspberry pi, blues and jazz piano, humans and other animals
- Linux, Docker and friends, AWS, Golang, Python, Ruby, APIs, CLIs, DNS, git, sql, and various other tools useful in the perpetual pursuit of making the machines dance.

I enjoy finding a good reason to experiment with tools I haven't used before. Other particularly interesting tasks have included writing scripts to deploy hordes of clustered EC2 VMs for Docker orchestration workshops, cobbling services together into a useful CLI for colleagues in support, and automating my own job wherever possible, which is how I started learning to code in the first place.

Though I can appreciate a well-designed abstraction, I love learning more about the lower level aspects of the systems we rely on. I'd be especially excited to dig more into networking, filesystems and kernels.

For more, run: `$ curl cv.soulshake.net`

Professional Experience

Solutions Engineer, Convox

Convox is an open source solution with the mission of making it easy to deploy production applications in containers.

My primary responsibilities were to:

- guide clients through the process of converting their application code and infrastructure for Docker and AWS
- create example applications to illustrate best practices and common patterns
- provide on-call support
- create great **documentation**

I learned Go in order to make considerable **code** contributions, including dynamic bash autocompletion, support for new AWS regions, and various bugfixes and incremental improvements.

Engineer, Voteraide

The Voteraide project aims to provide a direct line between constituents and their elected officials at **mytiller.com**.

As a senior engineer on this project, I:

- learned Ruby and Rails from scratch to address major issues with the application
- developed continuous integration, testing and deployment processes
- automated time-consuming manual processes of retrieving and transforming voter registration data
- identified and proposed solutions to bottlenecks and shortcomings in the previously testless, manual deployment workflow

Technical evangelist, **Gandi.net** (part 2)

Job responsibilities included:

- **developer advocate:** Both online and in person (at tech conferences and industry events), I helped existing and prospective customers to make the most of Gandi's products (domain names, SSL certs, hosting, and the corresponding APIs) and communicated their feedback to our technical team
- **partnerships:** Nourished collaborations with like-minded companies and projects
- **localization:** Managed technical and marketing communications (product releases, newsletters, outages)
- **documentation:** Made significant contributions to our documentation
- **special projects:** Wrote example apps and CLI tools to help the support, marketing and corporate teams with manual tasks
- **communications:** Helped shape Gandi's voice via our blog posts, newsletters and social media interactions, organize events and manage our supported projects.

Internally, I worked with engineers, product managers and support to improve Gandi's APIs, web interface, documentation and open source presence.

Support representative, **Gandi.net** (part 1)

My initial role at Gandi was entry-level support: troubleshooting and explaining issues relating to domain names, DNS, SSL certificates and basic hosting. My curiosity and interest in this role led me to specialize in more technical hosting issues, while helping to hire, train and mentor new employees. My French language and community-related skills led me to move to San Francisco to take on an official evangelism role in 2013.

Previous positions

I've worked in call centers, kitchens, offices, stores and classrooms in 3 countries. I try to improve any system I find myself a part of.

Technical Experience and other skills

Docker orchestration workshop administrator

I created **open source automation scripts** to deploy clusters of EC2 VMs for use by attendees of Docker workshops. These scripts have been adopted by others for running their own workshops at conferences and companies around the world.

Technologies used:

- **Docker:** Naturally!
- **Bash:** The scripts are POSIX-compliant for maximum portability...
- **HTML, CSS:** ...and generate printable cards to hand out to attendees with VM connection info.
- **AWS:** The user just has to provide their own AWS API key.

Programming Languages	<p>I really, really like automating things and developing internal tools to help my colleagues be more efficient. My primary toolbox includes, but is not limited to:</p> <ul style="list-style-type: none"> • Golang: Backend, infrastructure, APIs, CLIs • Python: Django, API clients, contributions to the Gandi CLI, various side projects (listed below) • Ruby: Contributed heavily to a Rails project at Voteraide (closed source, unfortunately) • Shell scripting: bash is my first love and shell of choice.
Projects	<p>Among the side projects I've worked on:</p> <ul style="list-style-type: none"> • Startup Threads CLI: Order t-shirts from the command line • clink: Easily (if not foolhardily) run desktop applications in containers • cv.soulshake.net: A fun hack to view my resume on the command line via curl • Hacker Typer, demo edition: A fun hack to avoid making typos during live demos • Fonos, an open source Sonos clone using Raspberry Pi
Talks	<p>I've given a few tiny talks, such as:</p> <ul style="list-style-type: none"> • Your meetings are unbearable: Cheat codes from Occupy
Research	<p>I have a fondness for solving mysteries, which has manifested itself in a passion for genealogy, private investigations, legal research and stubborn bug hunting.</p>
Activism	<p>I became involved in activism in 2012 thanks to the Occupy movement, which appealed to me due to its horizontal nature. It was there where I learned how to organize without leaders, handle delicate media situations gracefully, encrypt my communications, create partnerships with unexpected allies, and create maximum impact with limited resources.</p>

Education

2010	<p>BA, Anthropology; University of Kansas</p> <p>BA, French, (honors); University of Kansas</p>
2007	<p>Diplôme d'études universitaires générales, Translation; Université Catholique de l'Ouest (Angers, France)</p> <p><i>French, English, Spanish, Arabic</i></p>

Additional skills

- Human Languages:
 - English (native speaker)
 - French (full professional fluency)
 - German (elementary)
 - Russian (survival)
 - American Sign Language (beginner)