Martin Kopta
Limited 1987 edition!

Duct tape software engineer

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Education

2006 – 2011	Acquired master's degree at Czech Technical University in Prague in Computer Science.
	Bachelor thesis – System for processing automata and grammars (C++)
	Master thesis – Efficient DNA indexing (C++)

Work experience

03/2014 – *present*	SW Design Engineer Lead *at Concur Technologies.*
	DevOpsing ExpenseIt receipt service and automating everything.
	Predicting future by making it.
01/2013 – 02/2014	Senior software developer *at Cloud4com.*
	Building enterprise level IaaS cloud, project and people management, advanced Linux system administration, Java programming. Making things happen.
07/2010 – 12/2012	Chief developer, System Analyst and Linux administrator *at OldanyGroup.*
	Building IaaS clouds, supervising fellow programmers, developing and managing various internal projects, occasionally monitoring systems of customers (common GNU/Linux administration, fast problem solving and support). Mostly hacking around and building stuff.
2001 – 2007	Web developer, administrator and graphic designer.

IT skills

I am very familiar with GNU/Linux systems, programming on every abstraction level and virtualization.

I am able to use any common programming language like Python, Go, C, C++, PHP, Java and many others. While programming, I strive for clarity, simplicity and correctness, however I am not afraid of using duct tape when needed. I am accustomed to databases (e.g. MySQL, Couchbase), doing git everyday and use all the usual programming tools.

I have met and used pretty much every major GNU/Linux distribution and I am very aware of the basic principles underlying all GNU/Linux systems. No problem (for example) with software compilation, SELinux, Nginx configuration, reading logs or using OpenSSH keys. Other than Linux, I favor BSD systems, especially OpenBSD.

As per virtualization, I worked intensely with opensource virtualization tech like Qemu, KVM, Libvirt kernel bridges, ebtables, iptables and so on. I have also deep experience with VMware virtualization.

Past few years, I have engaged heavily with automation, testing, packaging, delivery and deployment, which includes the usual stack of tech like Jenkins, rpmbuild (fpm), pytest, Puppet, Ansible and such.

Languages

Native Czech speaker, fluent English.
Ich spreche ein bisschen Deutch.
日本語おべんきょうしました。

Miscellaneous

During my studies, I was member of Center of UNIX Technologies club. I gave a few talks about UNIX shells, windows managers, debugging, profiling, text editors, Ubuntu 10.10, famous programmers, Plan 9 from Bell Labs and intro for linux beginers. Also, I gave a talk at LinuxAlt 2011 about IaaS clouds and how to build them with opensource and about Suckless software at LinuxDays 2013. And yes, I got accepted to Mensa ČR. Occassionaly, I publish some technical articles or small projects for fun.

I like to play with technology, do some photography, read about computer history and play coding games. My blood type is coffee-whiskey positive.