

Ján Sáreník

Curriculum vitae

WORK EXPERIENCE

NOVEMBER 2016 – AUGUST 2018

Tk Open Systems Ltd., Jerusalem (IL)

Embedded Linux Software Engineer

Lots of C, Buildroot, Linux and U-Boot. Supporting colleagues, giving senior advice. Traveling to conferences and representing company.

JANUARY 2016 – AUGUST 2016

Y Soft Corp., Prague (CZ)

Embedded OS Developer

Built custom Yocto Linux-based system for i.MX6 ARM SoC. Managed CI (Jenkins). Cooperated with quality members of the team in order to help them prepare automatic and semiautomatic tests.

JANUARY 2012 – DECEMBER 2015

jasan.tk, Brno (CZ)

Computer Wizard

Contract-based and full-time work for multiple companies: **Timone**, **NetSuite**, **OrHama**, **SQLdep**. Setting up jasan.tk to run on a publicly-available VPS provider with minimal resource use (and total payments less than \$1/year).

OrHama: Installed and administered a Linux server running mail (SMTP, DKIM, SPF, webmail), WordPress web and ownCloud file sharing. Wrote C code for STM32 ARM SoC using GNU toolchain.

AUGUST 2007 – OCTOBER 2011

Red Hat, Brno (CZ)

Lab Admin, QE

First real IPv6 deployment through HE tunnel. Learned some essential skills: touch typing DVO-RAK keyboard, daily git, cross-compilation, chroot-based testing of different Linux distributions (no Docker that time), musl-libc and static compilation, dependency tracking, troubleshooting by cutting-off unrelated parts.

JUNE 2006 – MAY 2007

Masaryk University, Brno (CZ)

ICT Technician

Read the TCP/IP Illustrated book. Administered ethernet switches (Cisco, Allied Telesyn) and Linux servers (SUSE). Have set up, configured and documented an OpenBSD firewalling VLAN router. Used Linux IPv4 Policy Routing to temporarily host a multi-homed server over VPN while retaining local connection for the machine it was running on.

... more details at <https://www.jasan.tk/resume>

EDUCATION

2001 – 2004 **Math class**

HIGH SCHOOL DIPLOMA

Gymnázium J. G. Tajovského, Banská Bystrica (SK)

2004 **Applied Computer Science**

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Technical University, Košice (SK)

2005 – 2007 **Applied Computer Science**

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Masaryk University, Brno (CZ)

2011 **Theology**

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Evangelical Theological Seminary, Prague (CZ)

2015 – 2016 **Economics and Management**

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Sting Academy, Brno (CZ)

2018 **Jewish Studies**

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Machon Meir, Jerusalem (IL)

PUBLIC PROJECTS

2014 **spf-tools (github.com/spf-tools)**

Scripts that disassemble and process SPF records in DNS

COMMUNICATION SKILLS

SLOVAK native

ENGLISH fluent

GERMAN conversational

HEBREW conversational

SOFTWARE SKILLS

GOOD LEVEL C, autotools, git, gcc, shell, Linux From Scratch

INTERMEDIATE \LaTeX , gdb, DNS, Continuous Integration, OpenBSD packet filter

BASIC LEVEL cmake, Windows, MacOS, FreeBSD