



# Marijan Svalina

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## Curriculum Vitae

*“For me, I am driven by two main philosophies: know more today about the world than I knew yesterday and lessen the suffering of others. You’d be surprised how far that gets you.” - Neil deGrasse Tyson*

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### About me

Marijan is DevOps Engineer with professional experience in different fields. More than 10 years in Linux and networks, more than 8 years professionally. More than 3 years with Python development. More than 2 years with backend, and frontend web development. He worked in various working environments. From corporate to startup including remote freelancing. He is conscientious and extroverted, and can work both alone and in teams.

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### Education

- 2018 **10 Powerful Ways to Apply Behavior Design at Work with BJ Fogg**, *Stanford University Behavior Design Lab.*
- 2010–2014 **Graduate Study Program in Computer Engineering, branch: Process Computing**, *Josip Juraj Strossmayer University Of Osijek*, Faculty of Electrical Engineering. mag. ing. comp
- 2007–2010 **Undergraduate Study Program in Computer Engineering, branch: Computing**, *Sveučilište J.J. Strossmayera*, Faculty of Electrical Engineering. univ. bacc. ing. comp

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### Certification

CCNA **Cisco Certified Network Associate**

*Algebra, Osijek, 21.03.2013*

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## Experience: Freelancing

2016–2019 **Developer, DevOps, HyHelp AG**, Frankfurt, [hyhelp.de](http://hyhelp.de).

Smart devices for hospitals - infection prevention. My roles were: Keeping system in regular technical state (~25 openwrt clients, ~25 rPi clients, 4 VPS with ~10 crucial services). Developing new features on all fronts. Building, improving and doing continuous deployment.

### Projects:

- Data analysis algorithms, reports, checks and calibration procedures (python).
- Tool for interfacing custom serial over bluetooth device (python). Features like configuration, firmware flashing, and other specific checks and procedures.
- Daily/monthly backup system with offsite and AWS S3 remotes.
- VPN with DNS server network design and implementation.
- Software and hardware recovery procedures on buissness domain, network and operating system level.

### Areas:

- OpenWrt: python, dropbear, iptables, rsync, busybox shell, uci
- Servers (CentOS, Ubuntu): openvpn, dnsmasq, rsyslog, openssh, systemd, iptables, nginx, apache, docker, git, bash, rsync, s3cmd, PHP, Symfony, python, flask, mysql
- Raspberry Pi: bash, systemd, lxde, chromium, cron watchdogs

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## Experience: Jobs

2016–2016 **Sysadmin, DevOps, Barrage d.o.o**, Osijek, [barrage.net](http://barrage.net).

Payment platform devops support, development and administration.

### Projects:

- Multi network OpenVPN implementation.
- Persistent SSH Tunnels implementation.
- Continuous Integration with Jenkins, git and nodejs implementation.
- Cryptocurrencies daemons configuration and administration.
- iptables firewall implementation.
- Elasticsearch setup for log analysis
- auditd configuration for system auditing

### Areas:

- Javascript, nodejs, git, SSL, bitcoin, auditd, ethereum, Mongo, redis, SSH, iptables, haproxy

2015–2015 **Junior Software Engineer, Inchoo d.o.o**, Osijek, [inchoo.net](http://inchoo.net).

Webshop application development based on Magento platform.

### Projects:

- Facebook Login functionality implementation.
- Order tracking information implementation.

### Areas:

- PHP, Javascript, git, jQuery, Magento

2014–2015 **Junior Software Engineer**, *Siemens Convergence Creators d.o.o.*, Osijek.  
Enterprise AAA - Authentication, Authorization and Accounting software development and testing.

**Projects:**

- Existing testing client software stack migration from Windows to Linux.
- Diameter application for proxy and caching development.

**Areas:**

- python, bash, Jenkins, git, Robot Framework, diameter

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## Experience: Student Jobs

2013–2013 **IT Specialist**, *Siemens Convergence Creators d.o.o.*, Osijek.  
Server room, network and servers administration and maintenance.

**Projects:**

- Open source virtual machines cloud solution research and implementation.

**Areas:**

- Solaris, Debian, RHEL, Proxmox VE, oVirt, KVM
- Network VLANs, ACL, Routing

2008–2014 **IT Support**, *Notary office Zdenka Pavelić-Musa*, Osijek.  
PCs, software, network, archives, printers: support, maintenance and administration.

**Projects:**

- Automated backup implementation.

2009–2012 **Helpdesk Callcenter Agent**, *T-Com*, Osijek.  
DSL, VoIP, IPTV technical customer support for Internet Service Provider.

**Projects:**

- Internal wiki setup based on MEDIAWIKI

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## Communication Skills

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|------|---|--|
| 2014 | <b>GIT SCM Presentation and Workshop</b>    | <i>Talk and workshop for colleagues at Siemens about GIT version control techniques</i>  |
| 2017 | <b>Introduction to Bitcoin Presentation</b> | <i>Talk about Bitcoin at GreenRoom Festival in Valpovo</i>                               |
| 2018 | <b>Bitcoin Basic Concepts</b>               | <i>Technical talk about technology underlying Bitcoin, at Osijek Software City event</i> |

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## Languages

Croatian	<b>Maternal</b>	
English	<b>Advanced</b>	<i>Active in speaking and writing</i>
German	<b>A1</b>	<i>Duolingo Level 10 :-)</i>

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## Interests

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|---------------------------|--------------------------|
| - Running/Cycling/Fitness | - Mindfulness Meditation |
| - Writing                 | - Ethics Philosophy      |
| - Psychology              | - Design                 |

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