



# Gyula Weber

DevOps Engineer

## Contact

[Email](#) || [LinkedIn](#) || [GitHub](#) || [Twitter](#)

## Languages

**Hungarian** Native  
**English** Advanced  
**German** Beginner

## Skills

### OS

**Debian** | **Ubuntu** | **Gentoo** | RedHat | CentOS

### Cloud

**AWS** (IAM, EC2, ROUTE53, Glacier, SNS, S3) | **GCE** (Compute Engine, Container Engine) | **Heroku**

### Provisioning / Configuration mgmt

**Chef** | **Puppet** | **Ansible** | Packer | Terraform | RightScale

### CI/CD

**Jenkins** | SonarQube | **GitLab** | **Drone.io** | GoCD | Buddy | Travis | CircleCI

### Message queues

**ZeroMQ** | RabbitMQ | Kafka

### Languages

**Rust** | **Node.js** | **Python** | **Golang** | **Bash** | Expect | PHP | **Javascript** | JQuery | C | C+ + | **HTML** | **CSS**

### Backup

**Bacula**, Rsync | LVM based solutions like Duplicity, custom scripts with backup, encrypt, test and restore capabilities.

### Database solutions

**MySQL** | **MongoDB** | **Redis**

## Experience

08/2016 - 07/2017 **EPAM** / **DevOps** (HU / Budapest)

- Created a custom database release from source, with enhanced security features
- Deployed new services to the pipeline, which fully covered everything from the push request, to the production deployment. PR -> Sonar quality gates, Jenkins PR tester, unit test, integration test, code review, blue/green deployment (huge project with a lots of moving parts)
- Made pancakes for the team, and the Team Leader mentioned it in my review (they liked it)

12/2015 - 08/2016 **Liferay Inc.** / **DevOps** (HU / Budapest)

- Participated in keeping the local infrastructure secure, up & running
- Supported Support engineers to make their local builds faster, and more reliable (Jenkins, GitLab, Docker)

05/2015 – 11/2015 **Quantis Holding Zrt.** / **SysOp** (HU / Budapest)

- I was responsible for the Linux server infrastructure
- Monitoring and dealing with hardware issues in a local cluster
- Cooperating with the vendors to keep our critical infrastructure up & running
- Improved backup system (Bacula), with regular tests to see if it's still reliable.
- Improved the monitoring system (Nagios), minimized False Positive alerts while almost tripled the monitoring coverage.

11/2014 – 05/2015 **Teconis Kft.** / **SysOp** (HU / Budapest)

- Maintaining infrastructure mostly for startup companies
- Migrating custom apps (mostly LAMP stack)
- Infrastructure automation

05/2014 – 11/2014 **AION Kft.** / **SysOp** (HU / Budapest)

- Introducing Ansible, docker for local dev env setup with Vagrant, and internal cluster
- Participated in on-call
- Created a demo site with reset-with-a-button / Rundeck

05/2012 - 05/2014 **Vengit Kft.** / **SysOp** (HU / Budapest)

- Operated high-traffic and high-availability services and clusters
- Provisioned and configured custom services with Chef and Puppet
- Participated in oncall rotation
- Provided technical assistance to customers - Chat / Email

## VCS

Fossil | **Git** | Cvs | Svn  
(**GitHub** | BitBucket | **GitLab**)

## High Availability

**Haproxy** | **MySQL-mmm** | **Percona Xtradb**  
| Heartbeat | **GlusterFS** | **Drbd** | Kubernetes  
| **Docker Swarm** | Ceph

## Virtualization / sandboxing / isolation

VirtualBox | XEN | LXC | Vmware | **Docker** |  
Vagrant | OpenStack | Firejail

## Monitoring

**Zabbix** | **Nagios** | Cacti | Munin | **Grafana** |  
**Prometheus** and other hosted solutions like  
DataDog and NewRelic or Pingdom

## P2P

Blockchain | BTC | NMC | ETH | DHT |  
Kademlia | SSB | ZeroNet

## Security

Selinux | **Grsec** / **Rbac** | **Iptables** |  
**Shorewall** | **WAF** | **OpenVPN** | IPsec |  
**DnsCrypt** | **CjDNS** | **Tinc** | (HashiCorp)  
Vault | **Keywhiz**

11/2010 - 02/2014 **Self-employed** (HU / *Salgotarjan*)

- Run a business with max. 4 employees and more than 40 permanent customers, including healthcare, insurance, and multiple internet services providers.
- Created custom web-based softwares for local companies to solve their custom needs.
- Website development (custom PHP code, Joomla, WordPress, Drupal)
- Customer support (Phone, Email & OTRS)
- Worked with local companies to secure, maintain, and improve their infrastructure.

11/2007- 03/2010 **Winkler Informatika Kft. / SysOp** (HU / *Salgotarjan*)

- Technical customer support
- OnCall
- Physical server maintenance and upgrades
- Custom environment planning with customers, implementing and maintaining
- Implemented a customizable cutting-edge spamfilter based on bayesian learning, dspam, and other tools which can predict the probability

01/2005 - 03/2007 **GaboSoft-Computer Kft. / SysOp** (HU / *Salgotarjan*)

- Planned (my role was the tech guy), and implemented a city-wide wireless network (ISP), from zero
- Network maintenance
- Customer support
- Building wireless links; point to point (more bandwidth, longer range), and point-multipoint (serving customers)