



Gyula Weber

DevOps Engineer

Contact

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Languages

Hungarian Native
English B1+
German ~A1

Skills

OS

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

Cloud

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

Provisioning / Configuration mgmt

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

CI/CD

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

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.

Experience

01/2019 – now: **Gate-16 / SRE** (*Working in the European Commission which is in contract with Gate-16*)

- Improving internal processes in provisioning, maintenance, monitoring.
- Creating, monitoring, measuring, and improving deployment pipelines involving vRA, vRO, Jenkins, Ansible, CyberArk, RH Satellite, Splunk, CAS.
- I used to bring chocolates and/or cookies to improve morale, and being surrounded with at least slightly happier people.

07/2017 – 01/2019: **Docler Holding / DevOps** (*3 mo Budapest HU, then moved to Luxembourg*)

- Maintaining OpenStack vms according to developer needs and best practices with terraform / ansible / docker / custom business logic
- some small R&D projects to test services, which involved creating the infrastructure and running tests, which is fully automated so don't need to keep the vms to ensure the reproducibility
- Managing Azure machines, automating jobs
- Also made pancakes, everybody likes pancakes :o)

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

Database solutions

MySQL | MongoDB | Redis

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 |
Netdata | 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

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

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)