

<p><b>Contact</b></p> <p>Email: <a href="mailto:gyula_weber@fastmail.com">gyula_weber@fastmail.com</a>  Phone: +49 1517 1375842</p> <p><b>Languages</b></p> <p><b>Hungarian</b> - Native  <b>English</b> - Advanced  <b>German</b> - Beginner</p>	<p><b>Experience</b></p> <p>3/2022 – now: <b>SES Astra (LUX) / Senior Engineer, IT Systems (On Premises &amp; Cloud)</b></p> <ul style="list-style-type: none"> <li>Working with Azure DevOps pipelines</li> <li>Refactoring / improving terraform code to deploy resources on Azure, in multiple environments, while making sure the same TF code can be used to modify / update the infrastructure (mostly variable scoping)</li> <li>Debugging connectivity, permission, and other issues in an Enterprise deployment; firewalls, proxies, policies, bastion hosts.</li> </ul>
<p><b>Skills</b></p>	<p>01/2019 – 3/2022: <b>Gate-16 (LUX) / SRE (Working in the European Commission which is in contract with Gate-16)</b></p> <ul style="list-style-type: none"> <li>developing integrations with vRA7,8</li> <li>designing, building, maintaining and improving data pipelines to fetch, transform, connect, and aggregate information from multiple integrated services</li> <li>Creating both high-level and technical documents, planning and communicating project changes, delivery estimates to stakeholders.</li> <li>Providing L3 support and working closely together with SVMs, POs, PMs, Architects, SREs, Developers, Ops teams.</li> </ul>
<p><b>OS</b>  Debian   Ubuntu   Gentoo   RedHat   CentOS</p> <p><b>Enterprise Cloud</b>  VMware vRA7,8</p> <p><b>Public Cloud</b>  AWS(IAM, EC2, ROUTE53, Glacier, SNS, S3)   Azure   Heroku</p> <p><b>Kubernetes</b>  BareMetal   AKS   GKE</p> <p><b>Provisioning / Configuration mgmt</b>  Chef   Puppet   Ansible   Packer   Terraform   RightScale</p> <p><b>CI/CD</b>  Jenkins   Azure ADO   SonarQube   GitLab   Drone.io   GoCD   Buddy   Travis   CircleCI</p>	<p>07/2017 - 01/2019 <b>Docler SSC / DevOps (BUD -&gt; LUX)</b></p> <ul style="list-style-type: none"> <li>Maintaining VMs with ansible</li> <li>Improving the monitoring systems with Prometheus / Grafana</li> <li>Migrating services from legacy environments and native docker swarm.</li> <li>Adding services to build pipelines with Jenkins</li> <li>Overcoming communication difficulties between Dev and Ops teams</li> </ul>
<p><b>Message queues</b>  ZeroMQ   RabbitMQ   Kafka   nats</p> <p><b>Languages</b>  Rust   Node.js   Python   Golang   Bash   Expect   PHP   Javascript   JQuery   C   C++   HTML   CSS   Solidity</p>	<p>08/2016 - 207/2017 <b>EPAM / DevOps (HU / Budapest)</b></p> <ul style="list-style-type: none"> <li>Created a custom database release from source, with enhanced security features</li> <li>Deployed new services to the pipeline, which fully covered everything from the push request, to the production deployment. PR -&gt; Sonar quality gates, Jenkins PR tester, unit test, integration test, code review, blue/green deployment (huge project with a lots of moving parts)</li> <li>Made pancakes for the team, and the Team Leader mentioned it in my review (they liked it)</li> </ul>

<p><b>Backup</b> Bacula, Rsync   LVM based solutions like Duplicity, custom scripts with backup, encrypt, test and restore capabilities.</p> <p><b>Database solutions</b> MySQL   MongoDB   Redis</p> <p><b>VCS</b> Fossil   Git   Cvs   Svn (GitHub   BitBucket   GitLab)</p> <p><b>High Availability</b> Haproxy   MySQL-mmm   Percona Xtradb   Heartbeat   GlusterFS   Drbd   Kubernetes   Docker Swarm   Ceph</p> <p><b>Virtualization / sandboxing / isolation</b> VirtualBox   XEN   LXC   Vmware   Docker   Vagrant   OpenStack   Firejail</p> <p><b>Monitoring</b> Zabbix   Nagios   Cacti   Munin   Grafana   Prometheus and other hosted solutions like DataDog and NewRelic or Pingdom</p> <p><b>P2P</b> Blockchain   BTC   NMC   ETH   DHT   Kademia   SSB   ZeroNet</p> <p><b>Security</b> Selinux   Grsec / Rbac   Iptables   Shorewall   WAF   OpenVPN   IPSec   DnsCrypt   CjDNS   Tinc   (HashiCorp) Vault   Keywhiz</p>	<p>12/2015 - 08/2016 <b>Liferay Inc./ DevOps</b> (HU / Budapest)</p> <ul style="list-style-type: none"> <li>Participated in keeping the local infrastructure secure, up &amp; running</li> <li>Supported support engineers to make their local builds faster, and more reliable (Jenkins, GitLab, Docker)</li> </ul>
	<p>05/2015 – 11/2015 <b>Quantis Holding Zrt. / SysOp</b> (HU / Budapest)</p> <ul style="list-style-type: none"> <li>I was responsible for the Linux server infrastructure</li> <li>Monitoring and dealing with hardware issues in a local cluster</li> <li>Cooperating with the vendors to keep our critical infrastructure up &amp; running</li> <li>Improved backup system (Bacula), with regular tests to see if it's still reliable.</li> <li>Improved the monitoring system (Nagios), minimized False Positive alerts while almost tripled the monitoring coverage.</li> </ul>
	<p>11/2014 – 05/2015 <b>Teconis Kft. / SysOp</b> (HU / Budapest)</p> <ul style="list-style-type: none"> <li>Maintaining infrastructure mostly for startup companies</li> <li>Migrating custom apps (mostly LAMP stack)</li> <li>Infrastructure automation</li> </ul>
	<p>05/2014 – 11/2014 <b>AION Kft. / SysOp</b> (HU / Budapest)</p> <ul style="list-style-type: none"> <li>Introducing Ansible, docker for local dev env setup with Vagrant, and internal cluster</li> <li>Participated in on-call</li> <li>Created a demo site with reset-with-a-button / Rundeck</li> </ul>
	<p>05/2012 - 05/2014 <b>Vengit Kft. / SysOp</b> (HU / Budapest)</p> <ul style="list-style-type: none"> <li>Operated high-traffic and high-availability services and clusters</li> <li>Provisioned and configured custom services with Chef and Puppet</li> <li>Participated in oncall rotation</li> <li>Provided technical assistance to customers - Chat / Email</li> </ul>
	<p>11/2010 - 02/2014 <b>Self-employed</b> (HU / Salgotarjan)</p> <ul style="list-style-type: none"> <li>Run a business with max. 4 employees and more than 40 permanent customers, including healthcare, insurance, and multiple internet services providers.</li> <li>Created custom web-based softwares for local companies to solve their custom needs.</li> <li>Website development (custom PHP code, Joomla, WordPress, Drupal)</li> <li>Customer support (Phone, Email &amp; OTRS)</li> <li>Worked with local companies to secure, maintain, and improve their infrastructure.</li> </ul>
	<p>11/2007- 03/2010 <b>Winkler Informatika Kft. / SysOp</b> (HU / Salgotarjan)</p> <ul style="list-style-type: none"> <li>Technical customer support</li> <li>OnCall</li> <li>Physical server maintenance and upgrades</li> </ul>

	<ul style="list-style-type: none"><li>● Custom environment planning with customers, implementing and maintaining</li><li>● <i>Implemented a customizable cutting-edge spamfilter based on bayesian learning, dspam, and other tools which can predict the probability</i></li></ul>
	<p>01/2005 - 03/2007 <b>GaboSoft-Computer Kft. / SysOp (HU / Salgotarjan)</b></p> <ul style="list-style-type: none"><li>● Planned (my role was the tech guy), and implemented a city-wide wireless network (ISP), from zero</li><li>● Network maintenance</li><li>● Customer support</li><li>● Building wireless links; point to point (more bandwidth, longer range), and point-multipoint (serving customers)</li></ul>