

László Angyal

just a unix guy

Personal details		
NATIONALITY		Hungarian
DATE OF BIRTH		28/06/1967
GENDER		Male
CONTACT	address	1182 Budapest, Háromszéki u. 16/A, Hungary
	mobile	+36306239308
	email	angyal.laszlo@gmail.com
	linkedin	https://www.linkedin.com/in/angyallaszlo
	blog	https://langyal.gitlab.io/blog/
Personal statement		I'm a team player. I'm a problem solver. I'm a challenge seeker. I'm a student and a teacher.
Work experience		
2023-present: E2E design for different TELCO companies within Deutsche Telekom		creating <i>solutions</i> for our customers combining our flagship products: IaaS (VMs based on Openstack), CaaS (containers based on Kubernetes) and STaaS (storage based on Ceph) adding <i>automation</i> (Gitops principles) to the solutions (Gitlab pipelines, Flux, Argo CD) extending our product portfolio based on the requirements (e.g. object storage, global load balancer, etc.)
2018-2023: Product Owner for IaaS (Openstack)		I was driving the development of the next release called Beryllium Openstack next release based on still Contrail but combined with SmartNICs from Netronome for packet offloading see my presentation on the Openstack Summit in Denver, 2019
		I was driving the development of the next release called Boron Openstack next release new underlay network design eliminating Contrail and SmartNICs, using just OVS and SR-IOV
		I was driving the development of the next release called Carbon Openstack next release in-place upgrade from the previous release, including operating system upgrade Openstack upgrade OVS to OVN migration
2015-2018: Pioneering the cloud domain in Pan-Net, a Deutsche Telekom spin-off company		we were handled as a startup within DT we had to design, build and operate a private cloud based on opensource solutions we cooperated with different vendors: Lenovo/HPE for the servers Juniper for the network devices and for their SDN Contrail Canonical for Openstack
		the outcome was our first release called Lithium
2015: Migration of the IT workload of RWE Hungary from one provider (IBM) to the other (T-Systems Hungary)		that was a 9 months long project we used various technologies for the migration: storage synchronization, VM migration (VMware) and IBM POWER based workload migration we had to keep the applications running as long as possible we had to migrate the network, including firewalls, routers, remote device management
2013: Budapest Bank, Solaris virtualization		the bank was forced to run a legacy application all they had a backup of the application on a Solaris 8 based installation we had to run the application on a modern hardware that obviously did not support Solaris 8 any more the solution was to install Solaris 11, integrate the system with a SAN based Hitachi storage and set up storage replication between two sites next, we configured LDOM (Logical Domains, like IBM's LPAR) with Solaris 10 next, we restored the backup into a so called Solaris 8 branded zone (early containers on SPARC) and we could successfully run the system
1994-2013: working for more than 120 different companies in Hungary		system integration based on various technologies: Solaris/SPARC, IBM/POWER, HP/UX/PA-RISC, VMware firewall design and integration with proxy based and stateful packet filtering solutions (Checkpoint FW-1) editing sendmail.cf configuration with vi (this is not a joke, that was my first real added value in 1994 for my company)
Career		
E2E CLOUD DESIGNER	Employer	Deutsche Telekom Cloud Services k.f.t.
	Business	Design E2E solutions for our Customers
	Technology	Our portfolio consist of in-house developed products: IaaS (Openstack), Caas (Kubernetes), STaaS (Ceph)
	Dates	2023-present
CLOUD PRODUCT OWNER	Employer	Deutsche Telekom Pan-Net Hungary
	Business	Development and Operation of Private Clouds based on Openstack
	Technology	Canonical's toolset: MaaS, Juju and in-house developed Infrastructure-as-Code pipelines
	Dates	2018-2023
CHIEF ARCHITECT	Employer	Deutsche Telekom T-Systems Hungary
	Business	Enterprise IT Infrastructure
	Technology	SUN/Solaris, IBM/AIX, HP/HP-UX, VMware/vSphere
	Dates	1994-2018
GEOPHYSICIST	Employer	Eötvös Loránd Geophysical Institute
	Business	Geographic Information System
	Technology	ARC/INFO
	Dates	1991-1994
Competence		
CLOUD		Openstack Kubernetes Google Cloud
INFRASTRUCTURE		MaaS/Juju Solaris LDOM / zones IBM LPAR VMware vSphere
SECURITY		FWTK (Firewall Toolkit) Gauntlet Checkpoint ZORP firewall Shell Control Box
UNIX		Solaris AIX HP-UX BSD* systems Ubuntu Server
Education		
	1986 - 1991	Eötvös Loránd University, Faculty of Science, Budapest Geophysics
Trainings / Certifications		
	2005	IBM Certified Specialist - pSeries and AIX 5L V5.2
	2006	IBM p5 and pSeries Technical Sales Support
	2006	SUN SPARC Solaris TDC100 / TDC103
	2007	VMware Certified Professional v3
	2009	Balabit Shell Controll Box & Syslog-ng PE
	2010	Balabit Certified Zorp Expert
	2012	VMware Certified Professional v5
	2015	Ubuntu OpenStack Fundamentals Training
	2023	Google Cloud Certified Professional Cloud Architect
	2024	CKA: Certified Kubernetes Administrator
Skills and interests		
LANGUAGES	spoken	Hungarian (native), English (fluent)
	other	French (basic), Russian (basic)
COOPERATION		Solution oriented approach Sensitivity for the problems of people Experience with the agile framework
HOBBIES	outdoor	travelling mountain climbing / via ferrata motorcycling
	sport	football badminton / speedminton / squash sup / kayaking / canoeing