

František Koláček

Curriculum Vitae

Experience

- 2017–present **Senior Systems Engineer**, AMAZON FULFILLMENT, Prague.
- Collaborate with other engineering teams all across the organization and participate in internal Project intake process (taking over projects from other teams and coming up with our own ones).
 - Participate in hiring process and provide mentoring and guidance to less senior team members (hosting brown-bag sessions, providing code reviews, SCRUM master...)
 - Develop a framework used for automated execution of CMs (Change management)
 - Supervise internal build and release process (projected and implemented from scratch)
- 2016–2017 **Information Security Analyst**, RED HAT CZECH, Brno.
- Stay current with information security developments (such as vulnerabilities, threat activity, attacker techniques and countermeasures) and apply these in an enterprise context.
 - Implement automated detection and alerting for potential security events.
 - Perform information security incident handling and respond to customer inquiries.
 - Provide security consulting, awareness and outreach to all areas of the business.
 - Support information security initiatives from creation to delivery.
- 2015–2016 **Systems Administrator**, RED HAT CZECH, Brno.
- Monitor systems and products on daily basis to ensure systems are performing as expected.
 - Assist application teams with performance improvement and automation activities to enhance productivity.
 - Collaborate with members of the Systems Operations team globally to provide escalated support in critical situations.
 - Take ownership of delivering solutions to service requests from end to end, prioritizing and escalating when required.
- 2014–2015 **Associate Systems Administrator**, RED HAT CZECH, Brno.
- Maintenance of the on-site engineering lab
 - System deployments and upgrades
 - Ensuring availability of critical infrastructure hosts on-site and in remote data centers
 - Support of local and remote engineering teams and departments
- 2013–2014 **Internship**, RED HAT CZECH, Brno.
- Provide hardware and software support for physical and virtual servers
- 2012–2015 **Senior Systems Administrator**, BEPOSITIVE INC, Brno.
- Administration of corporate servers, development and implementation of new services
 - Responsibility for system security and configuration of system rules
 - Problem detection and monitoring, customer support
 - Provided technical training and staff mentoring
- 2012–2013 **Linux server administrator**, STUDENT PORTAL PRIMAT.CZ, Brno.

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1/3

Education

- 2011–2015 **Faculty of Information Technology**, *University of Technology, Brno*, .
Finished bachelor studies
- 2007–2011 **Information system administration**, *Private high school in Hranice Inc.*

Bachelor Thesis

- Title *Automated Web Application Vulnerability Detection*
Supervisors RNDr. Marek Rychly, Ph.D. & Mgr. Jan Rusnacko

Certifications

- 2017 Red Hat Certified Architect Level VI
Red Hat Certificate of Expertise in Containerizing Software Application Development
- 2016 Red Hat Certified Virtualization Administrator
Red Hat Certificate of Expertise in Ansible Automation Exam
Red Hat Certificate of Expertise in Configuration Management
- 2015 Red Hat Certified JBoss Administrator
Red Hat Certified System Administrator in Red Hat OpenStack
Red Hat Certificate of Expertise in Hybrid Cloud Storage
Red Hat Certificate of Expertise in Clustering and Storage Management
- 2014 Red Hat Certificate of Expertise in Server Hardening
Red Hat Certificate of Expertise in Deployment and Systems Management
Red Hat Certified Engineer
Cisco CCNA Network Fundamentals

Computer skills

- Basic Perl, Java, VHDL/Arduino, computer graphics (Gimp, Inkscape)
- Intermediate BASH/PYTHON scripting, GIT, SVN, DOCKER/DOCKER SWARM
Security (GPG, WIRESHARK, ETTERCAP, METASPLOIT, SNORT, BRO, MOLOCH, NMAP, AIRCRACK-NG, AIDE, DENYHOSTS, SECURITY ONION)
- Advanced Web development (HTML, JQUERY, CSS, PHP, MYSQL, NETTE, SMARTY)
Systems administration (RHEL 5/6/7, CENTOS, DEBIAN, FEDORA, UBUNTU, AMAZON LINUX, MS WINDOWS 2003/2008)
Application administration (webservers (APACHE, NGINX), DB servers (MYSQL, MSSQL), DNS, DHCP, PXE, ISPCONFIG, BEAKER, NFS, SAMBA, IPTABLES, OPENVPN)
Monitoring (NAGIOS, MUNIN, ZABBIX, ICINGA, CACTI)
Virtualization (RHEV/OVIRT, LIBVIRT, VIRTUALBOX, OPENSTACK)
Cloud (AWS (EC2, RDS, DYNAMODB, ROUTE53, S3, SQS...))
Configuration management systems (PUPPET, CFENGINE, ANSIBLE, SALT)
Provision and authentication systems (FOREMAN, SATELLITE, IPA, KERBEROS)

Languages

English **Intermediate**

Con conversationally fluent

Characters, interests and other skills

- Flexibility, reliability, good communication skills, team player, analytical & creative mind
- Literature, traveling, offroads, system administration and tweaking (especially GNU/Linux and IOT things)
- Driving license group A and B