Engineer

David Konstantinovich: 31 year; Irkutsk; **Skills:** Html, Css, Timeweb, Linux, Qemu-kvm, Lamp, Mysql, Postgresql, Windows, Powershell, Rinex, Single-frequency SRNS receivers, C++, Virtualbox, DHCP, DNS, Ssh, Iptables, Nmap, Tcpdump, Ftp, Squid, Rkhunter, Crontab, Python, Wordpress, Bash, Hyper-v, Pxe, Kickstart, Postgresql, Firebird; **Feedback:** david138it@gmail.com; telegram - @david138it; http://www.linkedin.com/in/david-gabuniya-3bb954237; https://github.com/David138it;
О себе: I am confident in administering Linux and Windows systems; I can deploy the Lamp web server, virtual machines in Qemu-kvm, Virtualbox, Hyper-V and services in timeweb.clouds, yandex.clouds; I work with databases and can write SQL queries; I program in C++ and Python; I understand the operation of TCP/IP, I can diagnose and solve network security problems using various utilities; I can work in a team and act independently; There is a desire to actively develop, learn new technologies and tools; Worked in a similar position for at least two years;

Experience

November 2022 - present: Information and Analytical Center for Support of State Automated System of Justice, Irkutsk; Engineer / System Administrator; **Additional Information:** Responsibilities: installing, updating and monitoring the status of software at automation facilities, introducing operational documentation, supporting the functioning of servers, including using virtualization environments, restoring the functionality of PCs, peripheral devices, video conferencing equipment, audio-video recording, local network in case of failures or failures failure of network equipment, technical support for users, develop solutions that will simplify operation and automate routine, support the functioning of DBMS services; Skills: Windows, Powershell, Bash; **Progress:** Developed scripts to automate work with the Gas Justice system;
March 2018 – November 2022: All-Russian State University of Justice (RPA of the Ministry of Justice of Russia), Irkutsk; Technical Specialist; **Additional Information:** Responsibilities: working with websites, supporting the functioning of servers, including using virtualization environments, restoring the functionality of PCs, peripheral devices, video conferencing equipment, audio-video recording, local network in case of failures or failure of network equipment, technical support for users, developing solutions, which will simplify operation and automate routine, support the functioning of DBMS services; Skills: Bash, Python, Hyper-V, Powershell, Altlinux, Redos, Postgresql, Pgadmin4, Windows, Pxe, Dhcp, Http, Tftp, Kickstart, Html, Wordpress; **Progress:** Developed scripts in Bash and Python to automate work in computer classes and classrooms; I deployed a virtual server in Altlinux and developed the “Inventory of computer equipment in the building” database in it. This allowed me to quickly provide reports on the equipment in the building; To import substitution from Windows to Redos, I deployed a Redos virtual test machine in Hyber-v, in which I deployed a Pxe server for deploying Redos with loading to Uefi over the network. This saved time on implementing the Redos system in computer classes; Developed programs that analyze, process and sort code on the organization’s website. This allowed me to speed up the process of adjusting tags on the site at the request of Rossobrnadzor;

Education

September 2017 - May 2018: Irkutsk State University, Irkutsk; Information security (Additional education); **Additional Information:** Skills: Qemu-Kvm, Virtualbox, Linux, Ssh, Iptables, Nmap, Bash, Vsftpd, Telnet, Nginx, Squid, Tcpdump, Icmp, Tripwire, Rkhunter, Crontab; **Progress:** To defend my final qualifying thesis on the topic “Network Security Scanning Utility Nmap,” I analyzed the state of virtual machines in Qemu-Kvm using the Nmap tool. Additionally, I used Tcpdump to intercept traffic. In order

to secure my systems, I set up rules in Iptables and deployed an anti-rootkit, which, according to a specific schedule, uploaded a report on the system status;

September 2015 - May 2017: Irkutsk State University, Irkutsk; Electronics and nanoelectronics (Master's qualification); **Additional Information:** Skills: Qemy-kvm, Windows, Powershell, Ssh, Sftp, Ionosphere, Satellite radio navigation systems (SRNS), Rinex, Single-frequency SRNS receivers, Borlan Builder, C++; **Progress:** To defend his dissertation on the topic “Use of data from single-frequency receivers of satellite radio navigation systems to correct the ionospheric model,” he mastered the technology of receiving data from single-frequency receivers of satellite radio navigation systems, received the data, developed a program in C++ that processes and sorts data of two coordinates from a file into columns , draws a graph to see the desired result in the accuracy of determining the coordinates of the satellites, considered ways to reduce pseudo-range measurement errors and showed that due to the instability of consumer equipment, information about the state of the ionosphere can be obtained at any given time from the PD differences of two navigation satellites;

September 2011 – May 2015: Irkutsk State University, Irkutsk; Information technology and telecommunication systems (Bachelor's qualification); **Additional Information:** Skills: Qemu-Kvm, Linux, Cisco Packet Tracer, Virtualbox, Windows, DHCP, DNS, Html, Css, Timeweb, Linux, Qemu-kvm, Ssh, Lamp, Phpmyadmin, Mysql, Php; **Progress:** To protect laboratory work in the discipline Local Computer Networks in the Ubuntu virtual machine, I configured the Packet Tracer network design program, designed laboratory work on the topics “Using the DHCP protocol through a router and through a server”, “Wi-Fi - wireless data transfer”, and also on the topic “Local network” I deployed virtual machines in Virtualbox, two operating systems Windows 10 and Windows Server 2012 to configure the local network. In Windows Server, installed DHCP and DNS servers and added the Windows 10 client computer to the domain; To develop my website, where I published all the interesting problems I solved, laboratory reports and presentations, I created a simple website, deployed a virtual machine in Qemu-kvm with the Ubuntu operating system, in which I installed and configured the Lamp web server with its Mysql database , published the site in the Timeweb service and registered the domain in it;