VLADYSLAV

DEVOPS ENGINEER

I have 10+ years of experience in DevOps engineering. Experienced in building VoIP systems which supports large number of users. Experienced in building small/big Kubernets clusters. Leading a team of people passionate about technology and mentoring them to reach their full potential in designing, building, and managing distributed application platforms,using different CI/CD tools. Experienced in writing IaaC with a Terraform/Terragrunt.

TECH SKILLS

- AWS: EC2, EKS, RDS, CLOUDFORMATION, S3, EFS, VPC
- VOIP: ASTERISK, SIP, KAMAILIO, RTP/RTCP, PJSIP, LUA
- INFRASTRUCTURE-AS-A-CODE: TERRAFORM, TERRAGRUNT
- LOAD BALANCING: F5, RADWARE
- VIRTUALISATION: VMWARE, KVM, XEN
- LOGGING SYSTEMS: ELASTICSEARCH, GRAYLOG
- ORCHESTRATION: DOCKER, KUBERNETES
- AUTOMATION TOOLS: ANSIBLE, PUPPET
- CI/CD TOOLS: AZURE DEVOPS, GITLAB CI, JENKINS, TEAMCITY
- LINUX: UBUNTU, CENTOS, REDHAT, FREEBSD
- MONITORING: PROMETHEUS, DATADOG, ZABBIX, NAGIOS
- NOSQL DATABASES: KAFKA, REDIS, RABBITMQ, MONGODB
- PROGRAMMING: LUA, SHELL SCRIPTING
- DATABASES: MYSQL, POSTGRES

PORTFOLIO

PROJECT #1

SOFTWARE DEVELOPMENT COMPANY
July 2020 — Present

SECURRENCY HAS CREATED POWERFUL REGTECH AND FINTECH INFRASTRUCTURE TECHNOLOGY THAT DELIVERS UNMATCHED MULTI-JURISDICTIONAL IDENTITY AND COMPLIANCE PORTABILITY ACROSS DIFFERENT NETWORKS. SECURRENCY DELIVERS TO FINANCIAL INSTITUTIONS AND THEIR CLIENTS THE CONVENIENT COMPLIANCE TOOLS AND TRUE INTEROPERABILITY AMONG LEGACY AND BLOCKCHAIN SYSTEMS NECESSARY FOR THE GLOBAL ADOPTION OF DIGITAL ASSETS.

- CURRENT INFRASTRUCTURE MAINTENANCE BASED ON AZURECLOUD
- TERRAFORM IAAS FOR EVERYTHING IN THE COMPANY
- MONITORING DATADOG SYSTEM

- IMPLEMENTING AZURE DEVOPS CI/CD PROCESSES
- IMPLEMENTING ZSCALER VPN SERVICE
- TROUBLESHOOTING NETWORK ISSUES
- DEPLOYING AND MAINTAINING AKS
- DEVELOPING HERM CHARTS

PROJECT #2

SOFTWARE DEVELOPMENT COMPANY

September 2018 - July 2020

THIS COMPANY PROVIDES B2B SOLUTIONS LIKE BILLING FOR COMMUNICATION PROVIDERS, MESSAGING AGGREGATOR, ETC

- MAINTENANCE CURRENT INFRASTRUCTURE BASED ON VMWARE/ESXI
- MAINTENANCE ASTERISK SERVERS
- DOCKER: CREATING, CUSTOMIZING, MAINTAINING CONTAINERS DUE DEV NEEDS
- MIGRATING BUILD PROCESSES TO DOCKER
- IMPLEMENTING JENKINS CI/CD PROCESSES
- IMPLEMENTING DEPLOYMENT PROCESSES WITH ROLLING UPDATE IN ANSIBLE
- IMPLEMENTING MAVEN BUILD PROCESSES
- IMPLEMENTING KUBERNETES ON BAREMETAL INFRASTRUCTURE
- MAINTENANCE OF ASTERISK FAX2EMAIL SYSTEM
- DEBUGING SIP TERMINATION ISSUES
- DEBUGING RTP/RTCP ISSUES

PROJECT #3

SOFTWARE DEVELOPMENT COMPANY

January 2018 - September 2018

THIS PROJECT IS BASED ON JAVA AND DOCKER CONTAINERS INFRASTRUCTURE.
- CURRENT INFRASTRUCTURE MAINTENANCE BASED ON XEN VMS
- PACKER: BUILDING CUSTOM IMAGES FOR XEN TO AUTOMATE INSTALLATION
- GITLAB: CREATING CUSTOM AUTOMATED CI/CD PROCESSES FOR DEV TEAM
- DNS: CONFIGURING AND MAINTAINING THE NAMED ONES
- PUPPET: MAINTENANCE OF CURRENT INFRASTRUCTURE
- GRADLE: MODIFYING BUILD PROCESSES
- ANSIBLE: MIGRATING FROM PUPPET
- ZABBIX: MONITORING CURRENT INFRASTRUCTURE
- PROMETHEUS: IMPLEMENTING WITH GRAFANA
- DOCKER: CREATING, CUSTOMISING CONTAINERS ACCORDING TO DEV NEEDS
- BASH: IMPROVING AND CLEANING FOR GITLAB-RUNNERS
- KUBERNETES: INSTALLING, CONFIGURING, MOVING DOCKER ENVIRONMENT TO KUBERNETES
- NEXUS/ARTIFACTORY/DREGISTRY: INSTALLATION, MAINTENANCE
- KIBANA/GRAYLOG: LOGS WERE MOVED FROM SYSLOGS TO ANALYZE ELASTICSEARCH SYSTEM

PROJECT #4

SOFTWARE DEVELOPMENT COMPANY

March 2015 - May 2017

BIG TELCO COMPANY
- MIGRATION OF HOSTOPIA WEB AND FAX2EMAIL SERVERS TO THE PUPPET CONFIGURATION MANAGEMENT INFRASTRUCTURE (1000 NODES, 150 PUPPET MODULES)
- OPERATION OF A FAX2EMAIL PLATFORM (1.5 MILLION PAGES TRANSMITTED PER MONTH)
- BASH SCRIPTS
- MANAGING F5 NETWORK EQUIPMENT
- MANAGING VMWARE/XEN
- MANAGING COBBLER TEMPLATES
- SETTING UP INFRASTRUCTURE ON AWS

PROJECT #5

SOFTWARE DEVELOPMENT COMPANY

February 2012 – February 2015

BIG TRANSPORT COMPANY WITH OVER 1000 CARS ONLINE, 60-70 TELEPHONE OPERATORS ONLINE AND 60-70 RADIO OPERATORS ONLINE

I HAD A LOT OF ISSUES WITH DELIVERY CALLS FROM OUR CLIENTS TO OUR TELEPHONE OPERATORS. I NEEDED MORE POWERFUL SYSTEM THAN PANASONIC PBX 100. THEN I OFFERED TO BUILD VOIP TELEPHONE SYSTEM BASED ON ASTERISK. THAT'S WHY I MOVED TO A NEW POSITION AND FOUND AN ASSISTANT TO HELP ME WITH THAT PROCESS. I DESCRIBED THE PLAN, APPROVED IT WITH THE CEO, AND FOR THE FIRST TIME VOIP EXPERIENCE STARTED. AT THAT TIME I KNEW A LOT OF NEW THINGS, SKILLS, TECHNOLOGIES, FEATURES, ETC. FIRST VERSION OF THIS SYSTEM CAN WORK ALONG WITH 100-120 VOIP OPERATOR ONLINE AND 200K-300K CALLS AT MONTH. MOREOVER, AT THAT TIME I HAD TO INSTALL A LOT OF VOIP GSM GATEWAYS IN OTHER CITIES. THE COMPANY WAS GROWING VERY FAST AND I WAS SUPPOSED TO DO SOMETHING MORE POWERFUL, MORE SCALABLE.

- 2 ASTERISK VOIP SERVERS(WITH FAILOVER IP)
- 2 MYSQL SERVERS(MASTER/SLAVE) (WITH LOAD BALANCING AND GALERA)
- 2 NAS STORAGES WITH 20 TB CAPACITY(WITH FAILOVER IP AND NIGHTLY SYNCHRONIZATION)
- 1 WEBUI INTERFACE FOR WORKING WITH AUDIO RECORDS FROM NAS
- 100 SIEMENS MC35I TERMINAL(INCOMING GSM CALLS)
- 5 SIP TRUNKS
- 40 GSM-VOIP GATEWAYS WITH 32 CHANNELS IN EACH(OUTGOING GSM CALLS)
- 2 MAIN GATEWAYS BASED ON MIKROTIK
- INTERNAL DNS SERVERS (MASTER/SLAVE)

LANGUAGES

- ENGLISH - UPPER INTERMEDIATE

EDUCATION

- KRIVOY ROG TECHNICAL UNIVERSITY, ENGINEER OF COMPUTER SYSTEMS AND NETWORKS 2004- 2009