1. **Marat Gilmutdinov. (US Citizen)**

Senior DevOps/ SRE Lead.

### Summary:

* **15+ Years of Experience as System Engineer, SRE and DevOps Engineer.**
* Installation and troubleshooting on **Linux (Red hat /5/6/7/8, CentOS, Ubuntu)**.
* Experienced in leading the efforts of Deployment and Build Engineers for Linux Environment.
* Experienced in Installs, Upgrades, Patches, Configuration, performance tuning on LINUX and system software & hardware. Working on Nagios Monitoring tool installation, Configuration to monitor 100’s of servers in the Linux environment.
* Experience in building and configuring Load Balancers and Revers Proxies with **HA Proxy, Nginx, Apache**.
* Provisioned virtual environments using **Docker** and **Kubernetes**.
* Experience with container services: **Docker, AWS ECS, EKS.**
* Experience in Automated processes with custom built **Python** & **Shell scripts**.
* Experience in cloud automation using **AWS Cloud Formation templates and Terraform**.
* Good experience in other Amazon web services which includes **EC2, S3, EBS, IAM, ELB, Route 53, Auto scaling, Security Groups.**
* Experienced in Amazon EC2 setting up instances, virtual private cloud (VPCs), and security groups.
* Experience with AWS architecture and services: **Cloud Formation, Route53, Cloud Front, Auto Scaling, SNS, SQS, Lifecycle Hook, Lambda, IAM, S3, Load Balancer, EC2, Fleet Scheduler, KMS**.
* Management and design of Integrated build pipelines using continuous integration workflows such as **Jira, Git, Bitbucket, Jenkins, Docker, Kubernetes, Artifactory and Nexus.**
* Experience in software Release management, Deployment and Build management.
* Experience with configuration management tools: **Ansible, Puppet**.
* Experience configuring and managing Puppet master server and experience in updating and creating modules and pushing them to puppet clients.
* Experienced in branching, tagging, and maintaining the version across environments using SCM tools like **GIT**.
* Has Experience in continuous integration technologies like Jenkins.
* Worked in an agile development team to deliver an end-to-end continuous integration/continuous delivery product in an open source environment using tools like Ansible & Jenkins.
* Excellent knowledge on Agile Methodology, ITIL process and micro services architecture.
* Capable of quickly learning and delivering solutions as an individual and as part of a team.

### Tech Skills:

* **Linux** (RHEL, CentOS, Debian, Ubuntu).
* **Docker, Kubernetes,** Helm, GKE, EKS.
* **Cloud**: **AWS** EC2, AWS VPC and Networking, AWS IAM, AWS S3, AWS EKS, AES ECS, AWS Code Pipeline, AWS Cloud Formation, Terraform; basics of GCP and Azure.
* Automation/IaaS: **Terraform,** Ansible, Puppet.
* Coding: **Python, Bash**, YAML, JSON, Groovy, REST API.
* **CI/CD** Environment: **Git/GitHub, GitLab**, Bitbucket, **Jenkins**, AWS Code Pipeline (Code Commit/Code Build/Code Deploy), Artifactory, Nexus.
* Web Servers and Load Balancing: **Nginx, Apache**, HAproxy, AWS ELB.
* Atlassian: Confluence, Jira, Bitbucket management.
* Monitoring: **Elastic search (ELK)**, **New Relic, DataDog, Grafana, Nagios**, Nagios XI, Zabbix, Solar Winds, Splunk, AWS Cloud Watch.
* Virtualization: VMware ESXi, KVM, Xen.

### Previous Experience:

September 2022 – Present.  
**Fujitsu Network Communications [Tech Industry]. Senior DevOps Engineer/Lead SRE Engineer.** Dallas, Texas

Manage and manage current development and infrastructure applications:

* Manage Kubernetes services.
* Make PoC for migration to Azure Cloud.
* Jenkins CI/CD pipelines and security management.
* Implement SSL and HTTPS for all current applications.
* Manage Bitbucket, Confluence, Jira, Artifactory, SonarQube, and Jenkins.
* REST API tests with Python.
* Upgrade Oracle/RHEL Linux from v6 to v8 and v9.
* Monitoring: Data Dog, Grafana, Prometheus, ELK

**Applied skills: Docker, Kubernetes, Azure Cloud, Linux, Python, Bash, REST API, CI/CD, Nginx, Apache, Tomcat, ELK, Data Dog, Grafana, Prometheus, Bitbucket, Confluence, Jira, Artifactory.**

January 2021 – July 2022.

**AmDocs/Projekt202 [Financial/Banking Client]. Senior DevOps Engineer/Lead SRE Engineer.** Dallas, Texas

Provide consulting services for the client bank’s CI/CD and Infrastructure. The main objective is to modernize CI/CD processes and improve Infrastructure-as-a-Code environment.

List of most common tasks:

* project ownership: Design, build and test CI/CD pipelines based on Jenkins.
* write a groovy code for existing and new pipelines.
* write Python scripts and functions.  
  work with Ansible based automation, transition from Puppet to Ansible.
* work with current k8s OpenShift environment.

**Applied skills: CI/CD, Jenkins, Bitbucket, Groovy, Python, REST API, Kubernetes, OpenShift, AWS, IaaS, Ansible.**

September 2020 – December 2020.

**Lincolnlabs.co (not to be confused with Lincoln Laboratory) [Consulting]. Senior AWS Engineer/Lead DevOps Engineer.** St. Petersburg, Russia/Dallas, TX.

Work with AWS infrastructure on the client’s side. Create AWS CodePipeline and AWS CDK solution.

Project involves migration of the infrastructure to AWS.

Projects finished: Creation of AWS Pipeline (CI/CD) which deploys CDK infrastructure solution.

**Applied skills: AWS CloudFormation, AWS CodeBuild, AWS CodePipeline, AWS CDK, CI/CD, AWS EC2, AWS EKS, AWS ECS, AWS S3, AWS IAM, AWS SNS, AWS SQS, Python, YAML, JSON.**

September 2019 – April 2020.

**Corporate Travel Management North America [Travel Industry]. DevOps Engineer/SRE Engineer.** Los Angeles, CA.

* Support the development lifecycle of platform architectural design, deployment and debugging.
* Automation of deployment releases across development, QA and production stacks using a combination of scripting languages and other automation toolkits.
* Set-up up new sites and applications via configuration management using Ansible.
* Manage Gitlab repositories.
* Maintain / upgrade / patch tracking and documentation software (Confluence / Jira)
* Projects finished:   
  Upgrade of entire infrastructure from RHEL 6.x to CentOS 7.7;   
  Migration of GitLab and Jenkins to the new environment.
* Implementing Ansible automation.
* Relieved from duties due to COVID situation.

**Applied skills: Linux, RHEL, CentOS, Apache, Jenkins, GitLab, Rackspace, Ansible, Docker, Nginx, Apache, Tomcat, Elasticsearch (ELK).**

October 2018 – June 2019.

**Ericsson Finland [Telecom Industry]. Software Engineer/DevOps Engineer.** Helsinki, Finland.

Maintain and upgrade Hybrid Cloud Infrastructure (includes OpenStack, AWS, and vSphere).  
Work with Ansible based automation, CI/CD (Jenkins) workflow, Kubernetes cluster.  
Project ownership: Design, build and test Infrastructure-as-a-Code solutions for vSphere and AWS.

**Applied skills: Kubernetes, Docker, AWS, Azure, OpenStack, Terraform, IaaS.**

September 2017 – September 2018.

**Leaf Group Inc. [Media Industry] DevOps Engineer/SRE Engineer.** Los Angeles, California

Work with AWS, Private Cloud Infrastructure and Containers (Kubernetes).

Provision of virtual servers, automation (Ansible, Terraform, Puppet).

Create new Infrastructure-as-a-Code environment and/or administration of existing one.

Work with assigned projects via GitLab: write or edit code (Ansible/Puppet/Terraform/others) for QA and Production environment.

Accomplished projects:

Deploy infrastructure for shipment application: VMs and Ansible code  
Monitoring tool migration: From “New Relic” to “Data Dog” and “Instana”.

**Applied skills: AWS EC2, AWS R3, AWS VPC, AWS IAM, AWS Cloud Watch, Terraform, Puppet, Kubernetes, Docker, Git and GitLab, xCAT, Monitoring with NewRelic, DataDog Instana, Grafana, Nginx, Apache, RabbitMQ.**

October 2015 – August 2017.

**TEKsystems – Systems Engineer, DevOps Engineer/SRE Engineer.**

**Contracts:**

March 2017 - August 2017

**Snap Inc. (Snapchat). - DevOps Engineer/SRE Engineer.** Los Angeles, California.

Monitoring and supporting private Data Center Environment based on VMware, CentOS Linux and Windows Server 2012/2016. Work on Google Cloud.

Configure and automate staging (QA) systems with Vagrant and Ansible.

Write PowerShell scripts to optimize management of Windows systems.

**Applied skills: Google Cloud, Ansible, Vagrant, VMware, SolarWinds NPM, Linux, Windows Server 2012/2016**

September 2016 – March2017.

**Survey Sampling International LLC. DevOps Engineer/SRE Engineer.** Los Angeles, California

Deployment, configuration and troubleshooting of QA and Production Mobile App, Web Sites and Load Balancers:

Create, change and update Ansible playbooks including version control through GitHub.

Create python and shell scripts when needed.

Create/modify Docker containers.

**Applied skills: CentOS 6 and CentOS 7, Ansible, Git, AWS, OpenStack, AWS, VMware, HAproxy, Apache, Tomcat, NetScaler.**

February 2016 – August 2016.

**Marvell Semiconductor. Systems Engineer/SRE Engineer.** Santa Clara, California.

• Design and deployment of infrastructure’s automation (Puppet) from scratch: write puppet manifests, classes, configuration of auto provisioning (using Factor) based on hostname.

**Applied skills: CentOS and RedHat Linux (RHEL), Bash, Python, Perl, Puppet, Ansible, Docker, Nagios, VMware.**

October 2015 – January 2016

**PayPal Holdings Inc. Systems Engineer/SRE Engineer.** San Jose, California.

Administration, management and troubleshooting of PayPal OpenStack based Cloud infrastructure (~2000 Hypervisors with roughly 30000 Virtual Machines): work with development and user teams, troubleshooting OpenStack instances, KVM virtual machines and Hypervisors.

**Applied skills: RHEL and Ubuntu Linux Administration, KVM, Shell and Python scripting, Zabbix monitoring system, OpenStack management, Ansible, Puppet.**

June 2014 - October 2015

**ICE Consulting** ([www.iceconsulting.com](http://www.iceconsulting.com)). **Linux Systems Engineer/DevOps Engineer.** Milpitas, California.

Perform administration, upgrade, management, monitoring, troubleshooting and deployment of Linux servers, ESXi hosts and virtual machines, Data Storages.

Personal contributions:

Implemented centralized monitoring system based on Nagios Fusion, and conventional Nagios Core systems.

Implemented new monitoring system for big scale data center environment based on Nagios XI (Nagios for enterprise solutions)

**Applied skills: Linux OS Administration (CentOS, Red Hat, Ubuntu); ESXi administration, AWS, Docker, NetApp administration; Monitoring tools such as Nagios, Nagios XI, Zabbix, Solar Winds; Bash and Perl scripting, Nginx, Apache, Tomcat.**

January 2013 - April 2014

**Kyriba Corporation. System Administrator.** New York City.

Manage and Monitor Private Cloud SaaS Infrastructure.

Perform daily monitoring, troubleshooting, software updates and patches installation, tasks automation.

**Skills applied: Cloud architecture, Red Hat Enterprise Linux, CentOS, Bash, Python; Windows Server 2000/2003/2008, VMware, IPv4 networking.**

September 2011 - October 2012.

**SAP America / SAP Labs.** Infrastructure System Administrator. Location: Palo Alto, California

Perform Linux systems administration and management of the infrastructure in SAP Labs in Palo Alto, California.

**Skills applied: SUSE Linux, x86 Servers, IBM xSeries, Fujitsu switches, Windows Server 2008, Nagios Monitoring, TCP/IP Networking, NAS Storages, SAP HANA, SAP Basis, SQL, ksh/sh/bash**

### Experience prior US

July 2007 - December 2010

**IBM.** Location: Moscow, Russia

System Service Representative (engineer).

Permanent 24/7 support of Russia and CIS customers   
Systems hardware maintenance - Remote and Field support of the SAN, Storage and pSeries Systems.

June 2006 – July 2007

**Comverse Network Systems (LLC).**  Location: Moscow, Russia

Customer Support Engineer.

Main duties: implementation and configuration of software and hardware components of these solutions, which is normally based on multi-vendor hardware and Linux software, including SQL and Oracle applications.

### Education:

**Ufa University of Science and Technology (former name: Ufa State Aviation Technical University).**

Ufa, Russia  
Started on Sept. 1st, 1999.

Graduated on June 17, 2004.

Master of Computer Science in Information Security.