

# Bakhti Baymukhamedov

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Age: 28

skills: python, sql, docker, firewall, networking, linux, mikrotik, cisco, django, flask

Languages: English - C1, Russian - native

Position name:

**Software engineer (Python), DevOps**

## Work Experience

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### Software engineer (Python), Network engineer

Self-education May 2020 to Present

Serving client networks based on Mikrotik and network equipment of an own production, network maintenance on the core level.

1000+ client endpoints on support.

Cisco routing & switching. Mikrotik and Juniper certificates.

OSPF, TCP/IP, VPN, Ubiquiti, Infinet, Cambium, Linux.

BGP Diagnostics using tcpdump

3G/LTE channels diagnostics

Study and practise at spare time:

Making web services using django, flask, docker, Kubernetes, HTML, CSS, bootstrap, SQLite, PostgreSQL, Python, NGINX, DNS, GIT.

Some skills working with AWS S3 buckets as web storages

### Network Engineer

CJSC ER-Telecom Holding

Dec 2017 to May 2020

Working in the Telecommunications company / ISP.

· Remote configuration of infrastructure and client equipment, such as Cisco, Mikrotik, EdgeCore, SNR, Ubiquiti, Cambium, Infinet, UltraLink, VectaStar, including routers, L2/L3 switches, SIP-phones and Wi-Fi (radio) links, RRLs.

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· Setting up and connecting clients to services such as VOIP and analog telephony: AudioCodes, Yealink, Gigaset, Cisco, VPN, Video Surveillance (Ivideon, Trassir, RTSP), provision of L2 channels and services for clients and ISPs, Internet services.

· Setting up Internet services for end-users: allocation of a public address / subnet, static / dynamic routing, setting up DHCP, NAT, Wi-Fi in the 2.4 and 5 GHz bands, connecting clients at speeds up to 1 Gbps.

· Configuring BGP, OSPF, VPN services L2/L3, VRF, EOIP, IPIP, L2TP, VLANs, QinQ, on Mikrotik, Cisco, Infinet.

· Video surveillance setup on Hikvision equipment (including PTZ domes), HiWatch, Beward, RVI, Keno, as well as integration with Trassir, Ivideon RTSP, connection of a local video archive or video recorder and their configuration.

· Configure Hot Spot (Access Points with Authorization) on Mikrotik equipment.

· Setting up Linux, port forwarding, re-/install software, setting file permissions, setting up PHP, MySQL, Apache.

· Writing technical documentation and instructions.

### System Administrator

Metadesk - Moscow

May 2016 to Dec 2017

System Integration, Technological and Business Processes Automation, IT Consulting. Outsource technical L2>L3 support.

Responsibilities:

· Full configuration from scratch to ensure the operability of the network and all nodes, including routers, L2/L3 switches, PCs, SIP-phones and Servers.

· Setting up Mikrotik routers/switches: channel redundancy/ balancing, port forwarding, NAT, LTE, DHCP, Wi-Fi access points, CAPsMAN (Wi-Fi Roaming).

· Selection of network equipment, as well as server and desktop components and peripherals.

Assembling PCs and servers from selected components for subsequent implementation in the

company's infrastructure, ability to work with server manufacturers: Dell, HP, LENOVO, ASUS.

- Creating and configuring of RAID-arrays
- Deploying of external network storages, such as QNAP and Synology.
- Experience of installation, configuration and maintenance of VMWARE ESXI 5.1, 5.5, 6.0 Hypervisors.
- Installation of server OSs: Windows Server 2008, R2, 2012, 2016. Installation and configuration of roles and capabilities, including the creation of File servers, Terminal servers, 1C DB servers. Deployment Domain Controller, Exchange 2010, configure and maintain a domain with 100+ PCs.
- Deployment of virtual PBXs: Elastix, Asterisk, full configuration of all Extensions, call transfers, creating extensions, voice menu and recording conversations.
- Selection, installation and configuration of IP video surveillance systems, maintenance and configuration of cameras and DVRs.
- Selection of Internet providers, support and implementation of the connection to new branches and offices.
- Maintenance and configuration of the Office 365, Exchange Online components with 100+ employees.
- Maintenance of the websites of the serviced companies, hosting management, VPS, domain name maintenance: domain creation, delegation, deployment on hosting, support for websites on CMS: Bitrix, Bitrix24, WordPress, Joomla.

## Education

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### **Bachelor's Degree in Networking and Software Development**

Moscow Technological University (MIREA) - Moscow, Russia

Sep 2016 to May 2020

### **Associate Degree in Network and System Administration / Administrator**

Moscow College of Polytechnics N50 - Zelenograd, Russia

Sep 2010 to May 2014

## Certifications and Licenses

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### **Juniper Networks Certified Associate, Junos (JNCIA-Junos)**

Juniper, Jul 2020 to Jul 2023

[Link to certificate](#)

The JNCIA-Junos credential validates an understanding of networking fundamentals and core functionality of the Junos OS. A certification holder at this level has demonstrated entry-level to intermediate knowledge of networking.

### **MikroTik Certified Network Associate, MTCNA**

MikroTik, Feb 2022 to Feb 2025

[Link to certificate](#)

Certificate number: 2202NA4429

## Publications

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### **Website GeekCV.io - create unlimited resumes**

Website: <https://geekcv.io/>

Apr 2021

Create your professional bio using this service. You can create endless resumes for your family and you, upload photos, show your Github repositories and Stackoverflow stats.

### **Exchange rate parser**

Website: <https://exrates.geekcv.io>

Github: <https://github.com/endlessnights/exrates>

Jul 2022

Service that parses exchange rate RUB>KZT on payment system MIR website, then writes data to DB and draws chart with rates. Written using Flask, sqlite, charts.js, docker

### **GeekHero - My IT blog website**

Website: <https://geekhero.pro/>

Mar 2021

My blog website written using Python Web Framework - Django, installed gunicorn and nginx on my VPS with Linux.

### **My Photo portfolio Website**

Website: <https://endlessnights.ru/>

Sep 2020

Written using UIKit

### **Checky - Java android application**

Play Market: <https://play.google.com/store/apps/details?id=com.bb.myapplication>

GitHub: <https://github.com/endlessnights/Checky-app>

May 2020

This app was written using Java and Android Studio. There were several updates and bug fixes. Also it has public repository on Github, so everybody can use my project to create their own application for Android OS using Java and Android Studio.

### **Callisto - PC (Windows) 3D game**

Steam: <https://store.steampowered.com/app/1049730/Callisto/>

Apr 2019

A small adventure game created with Unreal Engine 4 and published on the Steam marketplace.