

# Mykola Avramuk

## Personal information

Date of birth: 16.12.1995  
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## Summary of Qualifications

4 years in software development  
5 years in System Administration of TV channel infrastructure

## Expertise

- AWS: EC2, ECS, S3, Lambda, Route53, Api Gateway, CloudFormation - Advanced
- IaC: Terraform, Cloudformation - Intermediate
- CI/CD: CodeBuild, CodePipeline - Intermediate
- Linux, Docker - Advanced
- Kubernetes, ArgoCD, Helm, Ansible - Novice
- Scripting: Bash, Python - Novice
- Windows, macOS, Android, iOS - Intermediate
- Playwright, Cypress - Novice
- Postman - Advanced
- vMix, OBS, LiveU, AWS Elemental Live
- Github Projects, TestRail
- SDI and IP video transport, Oasys System
- MPEG Video, SRT, Zixi, RTMP, HLS, WebRTC, NDI, FFmpeg, Gstreamer

## Languages

English - intermediate  
Ukrainian – native

## Experience

DevOps Engineer  
Serverless Graphics, Contract  
Oct 2023 – Feb 2024  
Responsibility: IaC for serverless service for generating Ad video graphics and insertion into streams  
Technology: CloudFormation, Lambda, ECS, Fargate, Docker, Bash, Python, Ffmpeg, HLS

DevOps Engineer  
Cyber Regiment, Volunteer  
Sep 2022 – Present  
Responsibility: IaC for NEST.JS application with GitlabCI  
Technology: Nest, Typescript, Bash, Gitlab CI

QA Engineer / DevOps  
[Mixa.live](https://mixa.live), Contract  
Mar 2022 – Present  
QA: Full QA process of SDLC for the cloud video switcher  
DevOps: Fully infra migration to another AWS account with Terraform  
Technology: Live Video Streaming, Linux, Web, SRT, RTMP, Zixi, Terraform

#### QA Engineer & Project Manager

[VVCR](#), Contract

Jul 2020 – Present

Responsibility: Full QA process from scratch of cloud-based virtual video control room system (VVCR). Managing SDLC in the team of 4 people

Technology: Scrum, Test Planning, System Testing, Regression Testing, Live Video Streaming, API Testing, Manual Testing, Test Automation

#### QA Engineer

[RIVET](#), Contract

Jul 2020 - Present

Responsibility:

Full QA process from scratch of Broadcast Tools (Windows, macOS, iOS, Android) and Platform (web) for Remote Streaming via SRT Protocols.

Technology: Test Planning, System Testing, Regression Testing, Live Video Streaming, API Testing, Manual Testing, Test Automation

#### Video Streaming Engineer

[1+1 MEDIA](#), Shift-time

Aug 2018 - Jul 2020

Responsibility: Live video streaming, Installation and support of devices and applications for broadcasts

Technology: AWS Elemental Live, LiveU Central, vMix, OBS, FFmpeg, RTMP, HLS, UDP

#### Broadcasting Automation Engineer

TV channel, Shift-time

Mar 2020 - Jun 2021

Responsibility: Servers Administering for Video Content Delivery pipeline for post production

Technology: Windows Server, Linux, MacOS, Avid Technology Products

#### IT Support Engineer

TV channel, Shift-time

Feb 2018 - May 2020

Responsibility: Technical Support

Technology: Windows, MacOS, Linux, Avid Technology Products

#### Broadcast Specialist

TV channel, Shift-time

Sep 2016 - Feb 2018

Responsibility: Broadcast quality control, planning of the broadcast grid, quick response to any problems in the final broadcast signal

Technology: Oasys Air System, Broadcasting, Television

### **Educational background**

National Technical University of Ukraine “Kyiv Polytechnic Institute”

Master's degree, Intellectual technologies of microsystem radio-electronic equipment

Sep 2017 - Sep 2018

National Technical University of Ukraine “Kyiv Polytechnic Institute”

Bachelor's degree, Telecommunications and radio engineering

Sep 2013 - Aug 2017