**Mykola** **Avramuk**

**Personal** **information**

Date of birth: 16.12.1995

Home: Ukraine

Location: Spain

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Website: [avramukk.com](https://avramukk.com/)

### Summary of Qualifications

4 years in software development

5 years in System Administration of TV channel infrastructure

**Expertise**

Test planning and strategy development  
Functional and non-functional testing

Bash, Python  
Playwright, Cypress, Postman  
AWS: EC2, ECS, S3, Lambda, Route53, Api Gateway, CloudFormation, CodeBuild, CodePipeline

Terraform, Docker, Kubernetes, Ansible

Github Actions, Gitlab CI   
Linux, Windows, macOS, Android, iOS

GStreamer, FFmpeg, vMix, LiveU, AWS Elemental Live

Github Projects, TestRail, Trello, Bitbucket  
SDI and IP video transport, Oasys System  
MPEG (2,4,HEVC) Video, SRT, Zixi, RTMP, HLS, WebRTC, NDI

**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   
[Mixa.live](https://mixa.live/), Contract  
Mar 2022 – Present

QA: Full QA process of SDLC for the cloud video switcher  
DevOps: Fully migration to another AWS account.  
Technology: Live Video Streaming, Linux, Web, SRT, RTMP, Zixi, Terraform

QA Engineer & Project Manager  
[VVCR](https://vvcr.tv/), 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](https://rivet.stream/" \t "_blank), 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](https://media.1plus1.ua/), 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