Mykola Avramuk

Personal information

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Summary of Qualifications

3,5 years of IT experience in development
5 years of experience in System Administration of TV channel Infrastructure

Expertise

Test planning and strategy development
Functional and non-functional testing
Regression testing, API manual, and automation testing
Project management and delivery
Bash, Python, JS/TS
Playwright, Cypress, Postman
AWS(EC2, ECS, S3, Lambda, CloudFormation)
Github Actions, Gitlab CI, CodePipeline
REST API, Docker, Grafana, Git
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 – Present
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
Switcher.ai, Contract
Mar 2022 – Present

Responsibility: Full QA process of SDLC for the cloud video switcher
Technology: Live Video Streaming, Linux, Web, SRT, RTMP, Zixi

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
112 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
112 TV channel, Shift-time
Feb 2018 - May 2020
Responsibility: Technical Support
Technology: Windows, MacOS, Linux, Avid Technology Products

Broadcast Specialist
112 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