



## Flamur Kasa

Date of birth: 28 Oct 1991

Nationality: Macedonian/citizen of the Republic of North Macedonia

### CONTACT

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### ABOUT ME

Besides the work I have done for my employers, I have written scripts to automate and make it easier for me and people around me to get repetitive or frequent tasks done. I enjoy learning new technologies and frameworks to make interesting and useful applications to empower users and make their lives easier. I try to use all my experience when fixing problems which sometimes leads to "outside-the-box" solutions given my diverse repertoire of tools and tricks I have accrued over the years.

### WORK EXPERIENCE

**FEB 2019 – JUN 2021 – Kichevo, North Macedonia**

#### Head of IT

National Institute Cultural Center "Kocho Racin" - Kichevo

While at the cultural center Koch Racin, I have worked on:

- creating and maintaining a three-lingual WordPress website
- training staff on using the CMS, work emails and Slack
- designing posters and creating video ads for events
- maintaining the IT infrastructure of the institution
- producing cultural events for Facebook live streams (song festivals, concerts, book promotions)
- book cover designs

<https://kultura-k.com>

**APR 2015 – JUN 2017 – Tirana, Albania**

#### Full stack developer (WAMP)

Blueberry (Google Partner)

While at Blueberry, I was the main full-stack developer (WAMP) on the in-house PHP MVC internal platform which was used by over 100 employees from different departments. Some of the tasks I worked on included:

- adding features and expanding the platform such as integrating the Google Adwords API to track the performance of our clients and generate reports directly through our system
- setting up an automatic task handling system to streamline the workflow for each department
- creating browser extensions to integrate with 3rd party websites from partners
- optimising the MySQL database bottlenecks after a significant increase in new clients and employee count
- interviewing PHP developers to expand our team + mentoring new hires until independent

<https://blueberry.al/>

<https://web.archive.org/web/20190122161546/https://blueberry.al/#archived-version>

**FEB 2016 – NOV 2017 – Online**

#### Freelance Developer

While freelancing, I have worked on:

- creating video landing pages with custom player features
- expanding analytics dashboards (frontend + backend)
- creating a browser extension to automate the exporting of emails, time needed reduced from 5 hours to 5 seconds
- writing scripts to handle, sort, split and clean huge email lists
- creating a browser extension to circumvent censoring
- creating a browser extension to fake geolocation to simulate local Google search results

## EDUCATION AND TRAINING

**2012 – 2015** – North Macedonia

### Bachelors in Computer Science

South East European University

The studies program was all done in English.

During my studies, I also completed the mandatory internship at three different companies (one month at each company).

EQF level 6 | ECTS | 180 | <https://www.seeu.edu.mk/>

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Albanian

**OTHER LANGUAGE(S):**

**English - language of university studies**

**Listening**  
C1

**Reading**  
C2

**Spoken  
production**  
C1

**Spoken  
interaction**  
C1

**Writing**  
C1

**French - DELF B2**

**Listening**  
B2

**Reading**  
B2

**Spoken  
production**  
B2

**Spoken  
interaction**  
B2

**Writing**  
B2

**German**

**Listening**  
A1

**Reading**  
A1

**Spoken  
production**  
A1

**Spoken  
interaction**  
A1

**Writing**  
A1

## DRIVING LICENCE

**Driving Licence: B**

## VOLUNTEERING

**NOV 2017 – OCT 2019**

### **Volunteer**

Youth Development Organization FACTOR, Kichevo, North Macedonia  
As a volunteer at FACTOR, I have contributed by:

- designing certificates for participants of our various activities
- programmatically generating certificates from text lists (some activities had over 100 participants)
- leading classrooms with over 30 children during our week long educational English summer camps
- creating and assisting with the activities of the educational English summer camps
- providing tech support throughout my volunteering period
- representing our organisation in various national and international NGO events
- personally coordinating and hosting programming and internet safety event for the youth of our town
- promoting our various events to various schools in our city and surrounding villages
- participating and taking local youth to week long training session abroad (Vienna, Austria)

<https://www.facebook.com/Youth-Development-Organisation-Factor-1527942647513523/>

**JUN 2020 – CURRENT**

### **Programming Node.js Discord bot for YouTube live show audience interaction**

Online

I became the producer of a YouTube live show in June 2020. I programmed a Node.js bot on Discord to:

- interact with the audience
- display approved questions on the show
- show charts of votes and other information collected from the audience
- show points during the game show using WebSockets
- handle speaking permissions for show guests and audience questions
- create connection tunnels for the host to remotely control the scenes of the show through their tablet
- handle the game show teams, scores and game mechanics

We created 167 video in 6 months (6.3 videos/week on average). At our peak, we had 4 different cameras (phones) in the USA sending their feed to my computer in North Macedonia which streamed the show on 5 different platforms simultaneously (YouTube, Facebook, Twitter, Discord and Twitch).

<https://www.youtube.com/channel/UClkT332HEYPO8xvRXOhQrXg>  
<https://github.com/Street-Epistemology/thermometer>