

## Highlights of Qualifications

- **Software development:** 10+ years of professional, academic and hobby projects experience.
- **Building backend services:** designed and build multiple backend systems, from video transcoding and betting to cybersecurity data flows and tax operations.
- **Multiple domains experience:** over the length of my career I've worked in many areas: desktop apps, backend and frontend web software, and video streaming. Even though my main programming language is Python, I've also written in Java, Typescript, Ruby, and many more.

## Work Experience

- **Stripe** Remote, Ireland  
*Software Engineer* Jun. 2022 -
  - Participated in the development of internal tax content service. My work decreased time-to-live for new datasets, as well as reduced issues investigation time.
  - Significantly increased observability and reliability of multiple services.
- **Codereview** Remote  
*Technical mentor* Dec. 2022 -
  - Mentored software developers to be more competitive on job market.
  - Driven and participated in multiple marketing activities, including webinars, mock interviews and many more.
- **Amazon** Remote, Ireland  
*Software Engineer* Jan. 2021 - Jun. 2022
  - Led the development of AWS Timestream console.
  - Worked on multiple other AWS In-Memory Databases consoles.
  - Participated in the launch of Amazon MemoryDB.
- **Tenable** Dublin, Ireland  
*Software Engineer* Feb. 2018 - Jan. 2021
  - Worked on an internal vulnerability database and its applications.
  - Designed and led the development of a few internal projects.
  - During 2018 added support for 25 new feeds (40% of the team's capacity).
- **BetBright** Dublin, Ireland  
*Backend Software Developer* Sep. 2016 - Jan. 2018
  - Worked on the development and optimization of the backend microservices.
  - Prototyped new features before they went to development.
  - Integrated two new payment methods.
  - Worked on adding support for the new sports feeds.

- **Positive Technologies**

Moscow, Russia

*Software Developer*

*May 2015 - Aug. 2016*

- Worked on an internal vulnerability database and its applications.
- Developed a monitoring and control tool for scraping services.
- Refactored the main scraping framework to increase development speed.
- Mentored junior developer.
- Worked on cross-team databases integration and synchronization.

- **NPTV**

Moscow, Russia

*Software Developer*

*Feb. 2013 - May 2015*

- Designed and developed a framework for automated functional and integration testing of video distribution and broadcasting software.
- Participated in the development of a continuous integration system based on my framework, Jenkins and Docker.
- Worked on a few interactive TV applications (e.g. low-latency video conference app).
- Developed an API for a cloud transcoding service.

## Education

- **Moscow Aviation Institute**

Moscow, Russia

*Specialist degree, Applied Mathematics and Computer Science*

*2008 - 2015*

- Thesis: Optimisation of intra-coding methods for codec H.265 (HEVC) for streaming

## Activities and Interests

- **Programming:** Python Ireland Meetup speaker, used to be a competitive programming contestant.
- **Arts:** Photography and filmmaking, directed and filmed several short films.