Ioannis Noukakis · Software Engineer · Vevey, Switzerland · **inoukakis@gmail.com** · +41 77 407 64 62
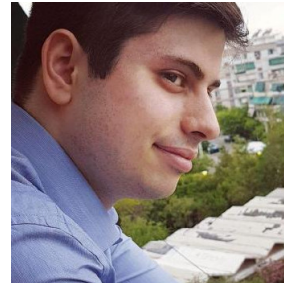
# Ioannis Noukakis  | Resume

❱ Languages:     TypeScript, JavaScript, Java 8 / 11, Python3, Scala, C++

❱ Frontend:      ReactJS, Redux, Redux-Toolkit, Jest, Material UI

❱ Backend:       Spring (boot, cloudstream, webflux), RabbitMq, NodeJs (SocketIo, Express), Flask

❱ Processes:     TDD, Hexagonal Architecture, DDD (Beginner), Functional Programming (Beginner)

❱ Infra/Ops:     AWS (ecs, ec2, alb, s3), Terraform, Kubernetes, Prometheus, Grafana

❱ Loves:         Sci-Fi / Heroic series, Stackoverflow, Video Games, D&D, History

## ❱❱❱ Experience

| 2018 / 09 | **Fullstack Java/Javascript DevOps** | European Broadcasting Union |
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❱ **Realtime Transcription Frontend** a collaboration between EBU and France Television to create a user-facing tool that displays transcriptions in real-time. Transcription data are fed by a France Television internal system in the form of SRT streams.

</> TTD, Hexagonal Arch, TypeScript, NodeJS, MongoDb, ReactJs, Redux, FFMPEG

❱ **News Pilot Project** a B2B user-facing tool to navigate news articles from EBU member sources (Rtve, Yle, Rai, RTS, ARTE, etc.) in your mother tongue. News articles are fed from 14 EBU members into the system, which in turn processes and translates those articles (media included) automatically using the Eurovox project.

</> Python3, MongoDb, Dramatiq, Flask, ReactJs, Redux, Keycloak
🔗 https://bit.ly/2WNQqru

❱ **Eurovox Project - Tool** a user-facing tool for navigating, transcribing and translating multilingual content.

</> TypeScript, ReactJs, Redux, Spring Webflux, MongoDb, Keycloak, FFMPEG
🔗 https://tech.ebu.ch/eurovox

❱ **Eurovox Project - API** an API that acts as an integration layer between the production systems of EBU members (France Television, Swedish Radio, RTS, etc.) and third-party AI vendors (AWS, Azure, Speechmatics, DeepL, etc.). It supports batch transcriptions (file-based) as well as streamed transcription (via WebSocket).

</> SpringBoot, MongoDb, Keycloak, FFMPEG
🔗 https://tech.ebu.ch/eurovox

| 2017 - 2018 | **Frontend Engineer – Cofounder** | Welitics |
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❱ Welitics, a startup project that aims to extend political participation via a social network dedicated to this topic.

</> ReactJs, Redux, React Native, TypeScript
🔗 https://welitics.com/

## ❱❱❱ Education

| 2021 | **Introduction to Test Driven Development and Clean Arch in Java** | WealCome |
|---|---|---|

❱ Quick session of 10 hours about the process of Test Driven Development and the Clean Architecture (Hexagonal). Students cloud apply those concepts to a small Spring application.

🔗 https://bit.ly/3t7w6x4

| 2013 – 2017 | **Bachelor in Computer Science** | <span style="color:orange">University of HEIG-VD</span> |

❱ Bachelor's Thesis: «Bias analysis in neural networks» PlantVillage is a database of 50,000 images of healthy and diseased plants. This database was used to train a self-learning algorithm. This work aimed to quantify the amount of bias a dataset can induce to such an algorithm.

    `</>` Python 3, Keras, TensorFlow

    🔗 github.com/ioannisNoukakis/Bachelor-2017

| 2012 - 2013 | **Commercial Professional Maturity** | <span style="color:orange">Fondation de Nant</span> |

❱ Creation and management of the facilities inventory.

## ❱❱❱ Languages

❱ French - Mother tongue

❱ English - C1

## ❱❱❱ References

❱ Ben Poor - EBU - poor@ebu.ch

❱ Sébastien Noir - EBU - noir@ebu.ch

❱ Andres Perez-Uribe - HEIG-VD – andres.perez-uribe@heig-vd.ch