

# ALEX GHIURAU | RESUME



- » **Status:** Fullstack JS Engineer, M.Sc.Eng - Audio & Video Technologies
- » **Fields:** Software Development, Teaching, Project Management, UX
- » **Tech:** Javascript - (React, NodeJS, Extjs), ReactNative, Electron, GraphQL, MySQL, PHP, Git, PhpStorm, Sourcetree, AWS - (S3, CloudWatch)
- » **Loves:** Music, Photography, Mountains, Books & Tea

## »»» Summary

I hold a Master of Science in Engineering with a specialization in Networking and Telecommunications. My professional background includes valuable project experience within the private sector.

During my tenure at Paymo, I dealt with lots of things, but the most recent one was build a mobile application. This project involved the utilization of technologies such as React Native, GraphQL, and various other tools.

After this, Paymo got aquired by Profitsolv and I cotinued working on various projects such as iOrion and built their mobile application using the technologies mentioned before, and then for other projects using React.

As a personal endeavor, I created a mobile radio application, Radio Aripì Spre Cer using React Native and NodeJS - <https://apple.co/430v2Nq>.

Furthermore, I embraced the role of an educator. I led a class at the University Emanuel of Oradea, specializing in Advanced Concepts in Web Programming. This teaching experience has been especially rewarding and closely aligns with my professional interests.

In my leisure time, I find solace in reading books on weekends or whenever the opportunity arises. I am passionate about hiking and capturing photographs of breathtaking sceneries.

## »»» Experience

- |                 |   |                              |
|-----------------|---|------------------------------|
| 2022<br>present | - <b>Fullstack Javascript Engineer</b>  | Profitsolv                   |
|                 | <ul style="list-style-type: none"><li>» Developed the mobile app iOrion (iOrion6) in ReactNative, an app for lawyers to manage their cases, clients, and appointments</li><li>» Accelerated the development process in another project from the portfolio with a React frontend and Node.js backend, utilizing GCP (Google Cloud Platform)</li><li>» Led a team and made architectural changes to a very old project, which resulted in a stability increase of the app, customer satisfaction, reduced costs, and increased revenue</li></ul>  |                              |
| 2017 - 2022     | <b>Fullstack Javascript Engineer</b>  | Paymo                        |
|                 | <ul style="list-style-type: none"><li>» Developed the mobile app (Paymo) that has the same functionality as the main web app using React Native, GraphQL &amp; other libraries</li><li>» Created an onboarding progress tutorial for newly subscribed users using React</li><li>» Developed a timer widget using Electron so that users can easily track time and add time entries from their desktop platforms</li><li>» Implemented a Notifications Systems - a queued system that sends email notifications, in-app notifications, and mobile notifications (using Firebase) to concerned users using PHP Resque &amp; Redis</li></ul> |                              |
| 2022 - 2024     | <b>Teacher</b>  | University Emanuel of Oradea |

- » Designed a curriculum that covers fundamental and advanced concepts of React. This involves selecting appropriate textbooks, creating lecture materials, and designing hands-on projects that allow students to apply React concepts.
- » Conducted lectures, demonstrations, and coding sessions to teach students how to use React effectively.
- » Designed practical projects that enable students to apply React concepts in real-world scenarios.

2022 - 2023

#### Founder

HyggeToday

- » Started a 'startup', wore many hats doing lots of things, conceptualized and refined the startup idea, identified target market.
- » Developed a comprehensive business plan that outlines the startup's goals.
- » Probably the most valuable outcome of this was building a network of contacts, attending events, and leveraging connections to gain insights, partnerships, and potential business opportunities.

2022 - 2023

#### Teacher - certified programming courses

FasttrackIT

- » Delivered lectures, demonstrations, and hands-on exercises to help students understand and apply web development concepts.
- » Provided constructive feedback on students' work, evaluating their progress, and assessing their understanding of the material through assignments, quizzes, and projects.
- » Encouraged collaboration among students, fostering a supportive learning community, and promoting teamwork on group projects.

2015 - 2016

#### Junior Javascript Engineer

Paymo

- » Implemented a File Uploader system that uploads in chunks on S3
- » Restyled an old application using SCSS compiler & give valuable UX advice

2012 - 2015

#### Tech Support / Customer Service Representative

RCS-RDS

- » Diagnosed client problems and solve them via intern systems
- » Solved technical tickets

## »» Education

2024

#### Master Sc.Eng in Audio & Video technologies

University of Oradea

- » Master Thesis: An internet based radio application using a smartphone
- » Developed an internet based radio app using React Native and NodeJS that streams music from a server to a smartphone

2015 / 07

#### B.Sc.Eng

University of Oradea

Alex Ghiurau · Software Engineer · Oradea, Romania · [alex.ghiurau@gmail.com](mailto:alex.ghiurau@gmail.com) · +40 748 575 571

- » Bachelor Thesis: Software Application for monitoring an object using a Smartphone
- » Developed a web application using rtsp/rtmp protocol and capture information from smartphone camera and stream it to a server