SILVIU IFRIM

SENIOR FULL STACK SOFTWARE ENGINEER

I come up with technical solutions to business problems. The more I understand the business, the more impactful my solutions become.

For example, at Siemens, after learning the pains of the development team, I have improved the testing framework, which made releasing updates 50% faster. While at REG, I've proposed the migration to a server-side rendering solution, which increased organic traffic from Google Search by 141% in 2 months.

As an assistant professor at my university, I've gained a lot of people and communication skills that I could bring to your project.

EXPERIENCE

Senior Software Engineer

Red Entertainment Group | Jun 2021 - present

- Proposed the migration to a server-side rendering solution, which increased organic traffic from Google Search by 141% in 2 months.
- Investigated and integrated an end-to-end testing solution for the frontend, after which the rate of UX regressions decreased significantly.
- Implemented the mechanism for using custom route parameters, and ensured all the old routes are permanently redirected to the new ones through NextJS' middleware.
- Updated the application to React's latest major version and handled all the inconsistencies that appeared after the update.
- Optimized backend response times by using various techniques: query optimizations, runtime data caching, database indexes.

Software Engineer

Siemens Digital Industries Software | Jan 2020 - Jun 2021

- Enabled faster development by extending the internal testing framework, added support for many missing test cases.
- Designed a specification meant to improve an internal component composition framework.
- Implemented a tool that minimized the running time of a larger set of tests by 50%.

Intern

Siemens Digital Industries Software | Mar 2019 - Jan 2020

- Pianify is the highlight of the internship program. Me and my team implemented a program that would convert any song to its piano counterpart. It converts the song from its time domain to the frequency domain using the Short-time Fourier Transform, then it picks the most prominent frequencies, which will be outputted to the MIDI file.

EDUCATION

Universitatea Transilvania din Braşov

Master's degree in Internet Technologies | 2020 - 2022

Universitatea Transilvania din Braşov

Bachelor's degree in Computer Science | 2017 - 2020

PERSONAL INFO

- dev@isilviu.com
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SKILLS

Highly disciplined	Optimistic
Good communicator	Adaptable
Fast learner	

TOOLS

React.js	Python
Next.js	Django
TanStack	MySQL
MUI	JIRA
Playwright	Git
AWS	BrowserStack