IOAN LATROVALIEV

Web Developer

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📍 **Sofia, Bulgaria**

EXPERIENCE

Web Developer (mid)

Smule Inc.

📅 08/2021 - Present   📍 Sofia, Bulgaria

🔗 https://www.smule.com/

- Migrated legacy Ruby on Rails backend to a modern NestJS one.
- Migrated legacy JavaScript, Angular and Backbone code to a moden SPA using React, Redux and Typescript.
- Actively participating in code reviews and pair programming sessions.
- Presenting new concepts at technical meetings.
- Prepared a style-guide and followed up by implementing the usage of Prettier in the SPA and the backend projects.
- Improved Typescript usage by introducing concepts like type guards, type inference, const assertions, union types, conditional types, type intersections, `unknown` type usage and getting rid of most of the `any` type usage.
- Lead and participated in feature plannings.
- Led a Git training by explaining commit ammends, interractive rebase, reflog and merges.

PROJECTS

Smule's Profile and Arrangement Pages

🔗 https://www.smule.com/Disney
https://www.smule.com/song/arr/3770453_3770453

Migrating big features from a legacy codebase (Ruby on Rails + JavaScript) to a modern (NestJS + Typescript + React) is big part of my job at Smule. Building new endpoints on the backend, implementing new UI and managing large data transformations and state management were some of the challanges I've faced during this migrations.

my-desk

🔗 https://latrovaliev.dev

This is my developer portfolio website. My very own Frankenstein monster. I've used React with Typescript, Styled Components, and React three fiber. I've had to learn some basic Blender for the models too.

ts-UwU

🔗 https://github.com/latrovalievioan/ts-UwU

This project is a Typescript metaprogramming attempt of mine. It's a pretty weird concept to grasp, but It's something like functional programming only using types.
I did a presentation on the concept at a tech meeting, and it went pretty amazing.

Neetcode Roadmap

🔗 https://github.com/latrovalievioan/neetcode_roadmap

Solving a roadmap of leetcode challanges using Go. I've picked the language to expand my knowledge of lower level of programming.

Advent of Code 2021/2

🔗 https://github.com/latrovalievioan/advent-of-code-2022
https://github.com/latrovalievioan/advent-of-code-2021

Solving algorithmic challenges helps me keep my mind sharp.
I've been solving Advent of Code since I started programming.
Last year I've chosen haskell for the easier challenges to dip my toes into functional programming.

SUMMARY

I'm a 27-year-old web developer who enjoys creating unique and value-packed websites.

I love to learn and experiment. Despite my preference for the front-end, I enjoy solving algorithmic tasks in my spare time. I'm also one of those oddballs who use VIM.

When I'm not at the computer, you can find me playing jazz on my violin.

SKILLS

Typescript	React	Redux
NestJS	Styled Components	CSS
Tailwind CSS	Node	Algorithms
OOP	Unit testing	Go (beginner)

Git	Jira	Figma	Vim

STRENGTHS

💡 **Curious**

As a highly curious and proactive developer, I have a strong passion for learning and problem-solving. I have demonstrated this recently through my efforts to learn Haskell just to solve Advent of Code 2022, expand my knowledge of the command line, and experiment with different VIM configurations. I am not afraid to ask questions and seek out new knowledge in order to constantly improve my skills.

📘 **Dedicated Learner**

I am a dedicated and continuous learner with a strong desire to stay up-to-date on the latest technologies and best practices. I have demonstrated this through consistent self-study(often two - tree hours after my work shift) and experimentation with various tools and technologies.