



Nikolai Vysotsky

FrontEnd-Heavy FullStack software engineer

Location

Residence: Preparing for relocation to the UAE

Citizenship: Ukraine

Ready to work:

— Remotely

— Relocate to UAE

Age and experience

Experience: 7 years

Age: 21 years old

Salary expectations:

- full time 8K+ \$/month

- part time 50 \$/hour

Contact Information

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Professional skills

React, React Native, Three.js, Express, Node.js, Laravel, Nuxt.js, Next.js, JavaScript, Vue.js

About Myself

I have awesome experience in creating Hologram Global 3D configurator for Estonian company and developing mobile app for Canadian & UAE's fintech Wealthica! I've also been involved in commercial development of many other startups and commercial projects during the last 6 years.

My stack:

FrontEnd:

- React - 4 years
- Vue.js - 4 years
- Three.js - 3 years

Mobile:

- React Native - 2 years

BackEnd:

- Node.js, Express.js, Sequelize - 3 years
- MongoDB - 2 years
- PHP, Laravel - 6 years
- MySQL, MariaDB - 6 years

VCS:

- Git, GitHub, GitHub CLI, GitLab, Bitbucket

Additional:

- Slack, Trello, Jira, Notion, YouTrack
- Figma, Sketch, Adobe XD, Adobe Photoshop
- OpenAI API (ChatGPT, DALL-E 2), Midjourney API
- Google Analytics, Firebase Analytics, MixPanel, Yandex Metrika
- BEM, TailwindCss, MaterialUI, Bootstrap, SASS, LESS, SCSS;
- Reverse engineering, Bash, Shell, C++, IDA, Ghidra, ;

Languages:

- English (Intermediate level, 4 years of weekly meetings and daily communication with Canada, Australia, Estonia and UAE companies)
- Russian (Native)
- Ukrainian (Native)

Commercial Experience

Promminer

October 2023 — January 2023 (4 months)

Developing software for mining cards, Reverse engineering of operation systems (Full Time)
UAE, Dubai

I have researched the custom operating systems for ASIC (mining hardware) and have been involved in modifying the installed software and processes.

Technologies: Bash, Shell, C++, Docker, Minimized Custom Linux (for ASIC, mining cards), Ghidra, IDA

Role:

I've made some important updates and research that have made a significant difference in the performance of internal processes

Wealthica Finacial Technologies Inc. & Vezgo LTD

October 2021 — June 2023 (1 year and 10 months)

Mobile App Developer (Part Time)
Canada, Montreal

1) Stockchase:

October 2021-May 2022

<https://stockchase.com>

A platform of opinions and ideas from experts on stocks of large companies for Canadian investors

Developed:

- Redesign of Most Recent Stocks, Most Recent Experts and Most Popular multifunctional adaptive pages with building stock and expert ranking functionality and writing API
- Optimization of SQL queries using Sequelize, execution time was reduces from a few minutes to less than a second
- Updating related functionality of mobile app

Technologies: React Native, Vue.js, Docker, Xcode, Android Studio

Role:

I made several important updates that have made a significant impact on the speed of individual sections of the service.

2) Wealthica:

May 2022 - June 2023

<https://wealthica.com>

Canada's largest financial aggregator to track and analyze your investments, assets and liabilities.

iOS App: <https://apps.apple.com/ca/app/wealthica/id1189909042>

Android App: <https://play.google.com/store/apps/details?id=com.wealthica&hl=ru&gl=US>

Developed:

A full-scale Upgrade of the iOS and Android versions of a cross-platform mobile app (with a consistent audience of over 10kc. users), which included:

- A completely new app interface that touched every element of the app
- Developed Home and Holdings sections containing the main functionality of the app
- Working with investment groups: side menu, adding, editing, deleting groups, choosing an avatar and adding financial institutions with a choice of accounts to each group
- Dark theme development
- Styles refactoring of the entire application

Technologies: React Native, Vue.js, Docker, Xcode, Android Studio

Role:

My contribution to the development had a noticeable impact on the functionality of the mobile app, its visual perception and speed, and some of the updates I implemented were highlighted in the articles of the corporate blog.

Vysotsky Productions Community

September 2019 — Up to now time (3 years and 11 months)

Middle FullStack Developer (Part Time)

1) Pro Battle

September 2019-November 2020

Platform for online music voting. A pre-release version of the product has been tested.

Developed:

- Authorization/Registration: manual and via social networks'
- Full-featured voting: 5 multifunctional pages: 'Home Page', 'All Voting', 'Voting, with sophisticated table functionality, voting submission,' 'Project and Voting News', 'Judging Applications';
- Creating and administering votes via Laravel Nova.

- A database, REST API api in Laravel was developed

Technologies: Vue.js, Nuxt.js, Laravel, Laravel Nova, MySQL

Details:

The project was developed with the support of the organizers of 17 independent online battles from hip-hop.ru. There were two competitions for 150 participants.

Currently frozen and looking for initiatives and investment

2) Zahar Bot

April 2023-Present

https://t.me/zachaaar_bot

Telegram Bot with OpenAI integration, with database on Firebase.

Developed:

- Database architecture, and organized full telegram bot work with Firebase database api;
- Collection of personal data and registration;
- The process of communication between the user and ChatGPT;
- Working with chats, as in chat.openai.com (adding chats, switching between them, saving chat history);
- Paid subscription options and payment for tokens;
- YooKassa payment system integration;
- User activity analytics.

Technologies: Telegram Bot API, Express.js, Firebase Realtime Database, OpenAI API, YooKassa

Details:

So far, about 20 sales have been made, the project is actively developing and looking for investment

3) PixelAfisha:

October 2022-Present

<https://pixelafisha.ru>

City poster site

Developed:

- Database architecture and organized RESTful API
- Registration/Authorization
- Paid access to event publishing
- Tinkoff payment system integration

- 6 multifunctional pages "Home page with all events", "My events", "Create events", "Change my events", "View events", "My referrals"
- Referral link to register new users
- Developed personal analytics, integrated Yandex Metrika
- Telegram channel is created and maintained in which we constantly publish the actual activities for the next week

Technologies: React, Next.js, Laravel, Laravel Nova, MySQL, Tinkoff API

At the moment we have added more than 1000 events, registered 80 publishers of events. The project is rapidly developing and looking for investments

Algerest

November 2020 - July 2023 (2 years and 8 months)

Middle Front-End Developer (Part Time)

Estonia, Tallinn

1) Hologram Planner (FullTime):

November 2020-March 2022

hologram.global , planner.hologram.global

Design Builder for apartments and houses, using three.js technology, React backend and Laravel backend.

Developed:

- 3D Planner, with selection of apartment interiors (viewing, selection and installation of furniture by category, wallpaper, walls and partitions), selection of standard layouts, saving intermediate layouts, and ordering selected furniture, authorization and registration

- Control panel, adding new products with 3D models (furniture), product analytics, commercial authorization and registration

Technologies: React, Three.js

More than 1000 products with 3D models from several holdings were added, pre-release version of the product was tested. The project was frozen in March 2022 due to the collapse of the core technical team, located in Mariupol

2) Hologram Space (Part Time):

May 2022-July 2023
space.hologram.global

Project for the presentation of autonomous houses in 3d format

Developed:

- 3D House Viewer, which included: Selecting a house, Selecting a location, Viewing selected locations and houses, configuring scene parameters, as well as configured physics and the ability to walk around the location of the first person
- Viewer for several types of 3D models and adjustment of standard scene parameters
- Smart home selection questionnaire with selection of life support elements

Technologies: React, React Three, Three.js

The project was presented to major investment holdings at a presentation in Abu Dhabi in May 2023, and found investment for the next phase of work

Vysotsky Productions

February 2017 - Up to now time (3 years and 9 months)

Full Stack Developer (3 years and 9 months of Full Time, 2 years and 10 months of Part Time)
Ukraine, Mariupol

1) EVAYAR service:

2017 - 2018

Service to call tow trucks in Mariupol

SEO optimization of the site, as well as the promotion to the top 10 in Google search results in the region

Technologies: Vue.js, JSON Schema, Google AdSense

2) Lamoore:

February 2017 - 2020

lamoore.ru

The Social Network for Holidays, Events

I performed the support function, testing, detecting and correcting various issues

Technologies: Laravel, Vue.js, SCSS

3) Top15Moscow:

2018 - 2020

top15moscow.ru

Community of professionals (photo/video/hosting) for private events Manual testing, fixing bugs

and improving layouts

Technologies: Laravel, Vue.js, MySQL

4) Top100Awards:

2019 - 2020

top100awards.ru

Contest for the annual ranking of the top 100 professionals for private events

Developed:

- Multifunctional adaptive pages on the layout: Home (Select category and year, List of cities, list of participants, selection of nominees), Internal (Card of the participant with gallery), Authorization with mobile menu
- Api for the output of nominees

Technologies: Vue.js, Laravel

5) Megapolis:

2019

bs.gkm.ru

Business school providing professional training courses I worked on fixing and optimizing SQL Queries, and writing several controllers for the API

Technologies: Laravel, SQL

6) Vysotsky.Productions:

2017 - 2018

Business card site of web studio Vysotsky Productions

Developed:

- The main page of the landing page with animations and pop-ups, as well as a feedback form
- Processing of the feedback form with sending a request to the mail

Technologies: Laravel, SCSS

7) Medihuanna

October 2020-November 2020

<https://medihuanna.com>

An educational facility for medical professionals specializing in the use of medicinal cannabis

Developed:

- Dozen of adaptive pages to the platform's existing functionality, redesigning basic elements according to the design files

- Several adaptive "Coming soon" pages

Technologies: Vue.js, БЭМ, SCSS

Role:

The project is active, involving hundreds of medical professionals in training

8) MRLab

September 2021-November 2021

<https://mrlab.ae>

IT-Laboratory promotion website

Developed:

- A one-page React application with dynamic animations

And a feedback form

- RestAPI and feedback controller

Technologies: Laravel, React, MobX

9) Solves

September 2022-October 2022

<https://solves.pro>

3D constructor,

Technologies: Vue.js, Three.js

Conducted a consultation, helped to identify the basic technical parameters, formats of input documents, their processing parameters, as well as to create a basic functionality in Vue.js to develop a 3D constructor.

Role:

I was involved as an expert (SuperVisor) to develop the 3D constructor.

Higher education

Priazovsky State Technical University

September 2019 - June 2023

Information Technologies

Ukraine, Mariupol

Specialization and Achievement:

Applied Mathematics and Computer Modeling.
(Completed higher education - Bachelor's degree)

Diploma work:

Developed a social network for the sale of digital assets with client and server parts

Functionality:

- Home", "Authorization/Registration" pages
- Creating and viewing posts and digital assets
- Setting/Removing likes from posts
- Manage digital assets and user balances

Link to repo: <https://github.com/nikolai-vysotskyi/social-network>

Technologies: React, Express.js, Sequelize, MySQL

Additional education

Startup Development Center 1991

October 2019 - July 2020

Course taken

StartUp WorkOut & Business Incubation

Improved skills

Scrum, Agile, Developing Terms of Reference, Team Building, Development Management, Business Process Optimization, Startup Management, Presentations, Business Development, Planning, Market Monitoring and Analysis, Building Business Models

Vysotsky Productions

July 2016 - September 2017

Course taken

Web Way

Improved skills

Git, Laravel, Vue.js, Sass, Gulp, BEM, Node.js, Web development, Cross-browser layout, Adaptive layout, HTML, CSS, JavaScript

Past practice and achievements

As a part of the thesis project, I developed a multi-page platform on Laravel "Kvartirnik" - a service for renting, buying and selling apartments. After that, the project was rebuilt into a one-page web application on vue.js with a backend and an admin panel on Laravel.

STEP IT ACADEMY

June 2015 - May 2018

Course taken

Software Development

Improved skills

JavaScript, PHP, C++, C#, Vue.js, Laravel, WordPress, SQL, Unity3d, Python, Network Security, Network Monitoring

Past practice and achievements

Training at the computer academy. I started programming much earlier, but the academy gave me a very good boost in my further development.

One of the training projects, a game on Unity3d:

<https://play.google.com/store/apps/details?id=com.VRGames.JUMPER&hl=ru&gl=US>