

# I V A N S E R G I I E N K O

## BRIEF SUMMARY

Javascript (frontend) developer with 8 years of experience.

4 years I worked for a big UK tech company (as a remote contractor).

I love Vim, Linux, git, clean code, top-down design, TDD, SOLID, KISS.

I feel passionate about working on innovative products.

People say I have good communication skills and attention to details.

I challenge decisions and status quo when I see a good reason to do so.

## SKILLS

- 8 years of Frontend
- 4 years of React (TypeScript, Redux, GraphQL)
- 2 years of Angular v1.x
- 1 year of PHP
- A bit of Python, Java, NodeJS, Linux, bash, AWS, GitlabCI, Selenium, Docker

## STACKOVERFLOW REPUTATION - 1,103

Profile url: <http://stackoverflow.com/users/1657101/darthvanger>

Subprofiles reputation: Ubuntu - 351, Vim - 351, Superuser - 151

## MY PROJECTS

- NeuralNotes - a notes keeping app: <https://github.com/DarthVanger/NeuralNotes>
- JS Guitar synthesizer: <https://github.com/DarthVanger/guitar-synth-js>
- Simple PHP webshop: <https://github.com/DarthVanger/spyoetics.kiev.ua>

## My Articles

- Synthesizing sound with JavaScript - sine wave: <https://medium.com/@darthvanger/synthesize-sound-with-javascript-sine-wave-940f9cd7dae2>

## My (small) opensource contributions

- Sourcemap-codec bug fix: <https://github.com/Rich-Harris/sourcemap-codec/pull/76>
- Terraform Newrelic provider docs: <https://github.com/newrelic/terraform-provider-newrelic/pull/546>
- Victory Charts docs: <https://github.com/FormidableLabs/victory-docs/pull/632>

## EXPERIENCE

Jan 2024 - Present: Career break

Teaching my friends javascript :)

Sep 2022 - Jan 2024: Senior front-end developer - FreedomFi

FreedomFi provides software for 5G equipment in order to earn cryptocurrency by providing internet. <https://freedomfi.com>

*Tech stack:* React, Typescript, Redux, Redux-toolkit, Playwright, Python.

Responsibilities:

- Made contributions to the UI of open source Magma 5G software
- Implemented playwright e2e tests for the UI
- Made fixes and improvements for a small Python server
- Implemented features for various small front-end and JS back-end apps

Jan 2022 - Sep 2022: Career break

War and confusion...

Mar 2021 - Dec 2021: Senior front-end developer - Supply management system. UK grocery retailer (DataArt outsource).

Supply management system allows to import a csv file with purchase orders, view them in a table with filters and modify orders. Data is gathered from 5 microservices.

*Tech stack:* React, Redux, TypeScript, Jest, Enzyme, Java, Spring, Spring Boot, GitlabCI, Terraform, Kibana, NewRelic

Responsibilities:

- Participated and facilitated technical discovery, task breakdown, security code review, knowledge sharing meetings.
- Implemented CI for monitoring configs for different environments using Terraform.
- Analysed page load performance issues.
- Analysed bugs digging through Kibana logs.

Sep 2019 - Mar 2021: Senior front-end developer - React UI library. UK grocery retailer (DataArt outsource).

React UI library, providing components based on Bootstrap v4, for 20+ internal websites.

*Tech stack:* React, Bootstrap 4, TypeScript, SCSS, Lerna, Jest, Enzyme, semantic-release, GitlabCI.

Responsibilities:

- Participated and facilitated meetings to design architecture and plan implementation of the library.
- Gathered data on tech used by different teams, presented it to stakeholders.
- Participated in meetings with UX designers, reviewed UX requirements.
- Presented the library to the teams in UK, Barcelona, Krakow offices.
- Created documentation with live examples and tutorials.

**Jul 2017 - Sep 2019: Middle front-end developer - Vehicles fleet management system. UK grocery retailer (DataArt outsource).**

Big admin panel (60 screens, 20k lines of code), which allows to create vehicles, add parts, defects, schedule service, generate pdf reports, and understand how many vehicles are available for each day.

*Tech stack:* Angular v1.x, Selenium, protractor, jasmine, chai-http, mocha, superagent, AWS, Ansible, GoCD, Kibana, New Relic.

Responsibilities and accomplishments:

- Refactored code according to best practices guide.
- Set up e2e tests, taught our QA to write the tests.
- Deployed Selenium grid on Docker to AWS using Ansible.
- Implemented i18n, user roles, feature flags.
- Implemented REST API tests using chai-http, mocha, superagent.

**Feb 2016 - Jul 2017: Junior front-end developer - Vacancies & Candidates management system. DataArt.**

Candidate management system provides a table of candidates with many filters, and a few inputs to edit the candidate info.

*Tech stack:* Backbone, Marionette, RequireJS.

Responsibilities:

- Investigated performance issues.
- Implemented new features and fixed bugs.
- Assisted with deployment issues for Microsoft Share Point.

Sep 2014 - Jan 2016: php & js developer - Social network for moms. ISD Group.

Social network for moms "Svitmam" provides profile editor, feed, posts, likes and comments.

*Tech stack:* require.js, gulp, nodeJS, php, mysql, redis

Responsibilities:

- Developed an algorithm to suggest related posts based on user activity.
- Refactored JS code to use Require.js.
- Implemented responsive design for main pages.
- Refactored poorly-written PHP code.

2010 Summer: Server at Moody Gardens - Galveston Island, Texas, USA

## EDUCATION

Kyiv Polytechnic Institute:

- Applied physics (3 years)
- Printing and Publishing (3 years)

## Courses

- Programming methodology - Stanford cs106a (Youtube)
- Internet History, Technology, and Security - University of Michigan (Coursera)
- Algorithms basics (local Kyiv school)
- Machine learning (local Kyiv school)
- Bitcoin and Cryptocurrency Technologies - Princeton University (Coursera)
- Java web development (local Kyiv school)

## LANGUAGES

English - Upper Intermediate (around 8/10, both spoken and written).

I worked for 2 years in UK teams remotely, speaking English every day.

## CONTACT

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linkedin: <https://www.linkedin.com/in/ivan-sergiienko-76494b73>

## PERSONAL INFO

Age: 33 years

Residence: Kyiv, Ukraine