

## Senior/Lead Software Engineer

With over 13 years of experience in developing and delivering complex, high-performance web applications, I specialize in building scalable and maintainable solutions based on modern JavaScript and TypeScript frameworks. My background covers the full spectrum of web development — from designing intuitive, responsive user interfaces to architecting robust backend systems and optimizing cloud deployments.

Throughout my career, I've worked with a wide range of technologies, frameworks, and third-party services. My core expertise lies in frontend development, where I've led the design and implementation of rich user experiences using frameworks like React, Angular, and Vue. On the backend, I have solid experience with Node.js, Express, and various databases (SQL and NoSQL). I'm passionate about writing clean, maintainable code, adopting best practices, and continuously improving technical processes.

### Andrey Tsirkun

In recent years, my focus has also included leadership and people management. I've built and led cross-functional teams, provided technical mentorship, and contributed to talent acquisition by conducting interviews and making staffing decisions. My leadership approach emphasizes collaboration, knowledge sharing, and helping team members reach their full potential.

Core strengths include:

- Full-stack web application development using JavaScript/TypeScript
- Deep expertise in modern frontend frameworks and architecture
- Hands-on experience with backend APIs, data modeling, and cloud integration
- Technical guidance, code reviews, and mentoring for developers
- Strategic participation in hiring, team growth, and project staffing
- Strong communication skills and ability to align technical solutions with business goals

## Languages

|             |        |
|-------------|--------|
| English     | B1+/B2 |
| Russian     | Native |
| Belarussian | Native |

## Professional Expertise and Skills Summary

|   |   |
|---|---|
| <b>Languages</b>                          | JavaScript (ES6+), TypeScript, PHP (in the past), Action Script (also in the past)  |
| <b>Technologies /Libraries</b>            | React (+Redux), React Hooks, React Native, NextJS, AngularJS, Angular2+ (+NgRx), NodeJS, Express.js, Nest.js, RxJs, Socket.io, LESS/SASS, Styled-Components, Axios, Webpack, Grunt, Gulp, Drupal, Jest, Cypress, Cucumber, jQuery, Lodash, MomentJS, Turborepo, Docker, AWS (Lambda, Cognito, API Gateway, SQS, Secrets), |
| <b>Standards</b>                          | REST, GraphQL   |
| <b>Application Servers and Middleware</b> | Node.js, AWS (Lambda, SQS, Secrets, Cognito, S3 and more), Docker   |
| <b>Visual Components</b>                  | Bootstrap, ANT Design, Material-UI, Foundation, ShadCN  |
| <b>Data base</b>                          | PostgreSQL, MongoDB, MySQL, Redis   |
| <b>Source Control</b>                     | Github, BitBucket, GitLab, Subversion   |
| <b>Test/Defect Tracking Tools</b>         | Jira, Rally   |
| <b>Management</b>                         | Talent management, Project Management, Interviewing, Staffing   |

## Selected projects

## SiliconMint (January 2023 – December 2025)

|                      |  |
|----------------------|--|
| Project name         | <b>Second Nature Brands, Inc</b>   |
| Project description  | Real Estate domain. Rental aggregator.   |
| Position             | Senior FullStack Developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● backend development (new services, modules development)</li> <li>● frontend development (new services creation, updating existing ones)</li> <li>● unit testing, integration testing</li> <li>● work with DB (query optimisation, migrations etc)</li> <li>● code review</li> <li>● sprint planning</li> <li>● work on both sides of app (BE &amp; FE) + databases</li> </ul> |
| Tools & Technologies | I worked with next technologies, PLs, approaches and tools: TypeScript, NextJS, Storybook, NodeJS (NestJS), Jest, PostgreSQL (Sequelize), Python, NextJS, DDD, Turborepo, Jest, AWS services, BullMQ, ShadCN   |
| Project duration     | September 2024 – December 2025   |

|                      |  |
|----------------------|--|
| Project name         | <b>Cargomatic Inc.</b>   |
| Project description  | Logistic domain. Full cycle of shipments.  |
| Position             | Senior FullStack Developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● web product development (improvement of existing functionality and creating new)</li> <li>● adjusting mobile app (React Native)</li> <li>● unit testing</li> <li>● code review</li> <li>● sprint planning</li> <li>● work on both sides of app (BE &amp; FE) + databases</li> </ul> |
| Tools & Technologies | I dealt with the following technologies: React, Tailwind, React Native, NodeJS (ExpressJS), GraphQL, AWS Services (Lambda, SQS, Secrets, S3), MongoDB, Redis, PostgreSQL Webpack. And some libraries (Lodash, MomentJS, AG Grid React etc).  |
| Project duration     | January 2023 – June 2024   |

**Godel Technologies (March 2021 – January 2023)**

|                      |  |
|----------------------|--|
| Project name         | <b>OrgVue (British data management system).</b>  |
| Project description  | OrgVue - is a platform for companies in the information technology field. This project will help to create, transform and provide companies internal (workforce) data as human readable views (diagrams, graphs etc).  |
| Position             | Senior FullStack Developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● web product development</li> <li>● code review</li> <li>● unit testing, e2e testing</li> <li>● team management and sprint planning</li> <li>● making important managerial and operational decisions</li> <li>● work on both sides of app (BE &amp; FE)</li> </ul> |
| Tools & Technologies | TypeScript, React (React query, Context API, Styled Components), NodeJS (+ AWS Gateway, Lambda, HATEOAS), Lerna, Azure Pipelines, Jest, Cypress, Cucumber, Docusaurus.   |
| Project duration     | March 2021 – December 2022   |

**Softeq Development (August 2018 – March 2021)**

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|----------------------|--|
| Project name         | <b>CrownID (Internal system for a set of US dental clinics).</b>   |
| Project description  | Single Page Application development for a set of American dental clinics internal with redux store and integration with third-party services (AWS Cognito, Twilio Chat).   |
| Position             | Front-end developer  |
| Responsibilities     | <ul style="list-style-type: none"> <li>● web product development</li> <li>● planning out new feature ideas</li> <li>● e2e and functional testing</li> <li>● integration with 3<sup>rd</sup> party libraries and their settings</li> <li>● communication with customer</li> </ul> |
| Tools & Technologies | TypeScript, .NET, Angular 10, RxJs, NgRx, SCSS, AWS Cognito, Twilio Chat   |
| Project duration     | June 2020 – March 2021   |

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|----------------------|---|
| Project name         | <b>KANO (plugins for MS Teams for the famous British learning service).</b>   |
| Project description  | KANO - is a learning platform for children in the context of programming education. We created 2 plugins (one for students and another for teachers) for MS Teams to interact between both sides of the learning process. |
| Position             | FullStack developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● create both sides of app (FE &amp; BE)</li> <li>● testing</li> <li>● communication with customer</li> </ul>  |
| Tools & Technologies | TypeScript, React, Node.js (Express.js), SCSS   |
| Project duration     | April 2020 – June 2020  |

|                      |   |
|----------------------|---|
| Project name         | <b>GUI for RedisDB (RedisInsight)</b>   |
| Project description  | GUI for interaction with RedisDB  |
| Position             | FrontEnd developer  |
| Responsibilities     | <ul style="list-style-type: none"> <li>● took part in updating named service development of both web and mobile application</li> <li>● rewrite existed code by TypeScript</li> <li>● feature development</li> </ul> |
| Tools & Technologies | TypeScript, React, React-thunk, Node.js (Nest.js), SCSS   |
| Project duration     | February 2020 – April 2020  |

|                      |   |
|----------------------|---|
| Project name         | <b>Internal SOFTEQ accounting system.</b>   |
| Project description  | Created and supported internal product of company to support internal workforce processes (employee profile, roles, connections etc.)   |
| Position             | FullStack developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● Clarifying requirements and drawing up technical specifications</li> <li>● Creation and supporting all sides of application (frontend + backend)</li> <li>● After release support and improvement</li> </ul> |
| Tools & Technologies | MEAN stack, SCSS, NgRx  |
| Project duration     | December 2020 – February 2020   |

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|----------------------|--|
| Project name         | <b>EPSON (application for the equipment rental).</b>   |
| Project description  | Took part in creation and updating of printing equipment rental service. Worked in close collaboration with customers.                                       |
| Position             | FrontEnd developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● add features to client side</li> <li>● code review</li> <li>● unit and e2e testing</li> <li>● bug fixing</li> </ul> |
| Tools & Technologies | TypeScript, React, Redux, React-saga, SCSS, Jest, Cypress  |
| Project duration     | September 2019 – December 2020   |

|                      |  |
|----------------------|--|
| Project name         | <b>Internal system for the Munich Airport.</b>   |
| Project description  | Support and feature development for the internal system of Munich Airport. CRUD operations. Work with outdated codebase and standards (AngularJS 1.5)    |
| Position             | FrontEnd developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● fixing existed defects</li> <li>● adding new features</li> <li>● rewriting some parts of application</li> </ul> |
| Tools & Technologies | JavaScript, AngularJS, jQuery, CSS, Java   |
| Project duration     | July 2019 – September 2019   |

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|----------------------|---|
| Project name         | <b>IPIC - Ticket system for a set of US Cinemas and additional pages for its Restaurants.</b>   |
| Project description  | We created this system from scratch. It includes several services for booking and ticket buying. Additionally, a set of specific apps for some restaurants of this network were created.                                  |
| Position             | FrontEnd developer  |
| Responsibilities     | <ul style="list-style-type: none"> <li>● creating services and features</li> <li>● integration with 3<sup>rd</sup> party libraries</li> <li>● code review</li> <li>● work in close collaboration with designer</li> </ul> |
| Tools & Technologies | TypeScript, Angular 8, NgRx, RxJs, SCSS, Moment.js, Java, Swift   |
| Project duration     | December 2018 – July 2019   |

|                      |   |
|----------------------|---|
| Project name         | <b>GUI for machine-learning system.</b>   |
| Project description  | There was a system where operators could “teach” ML application by selecting appropriate objects on the slides. We created and supported GUI for it and added the ability to work independently as PWA. |
| Position             | FrontEnd developer  |
| Responsibilities     | <ul style="list-style-type: none"> <li>● feature development</li> <li>● UI restyling</li> <li>● covering by unit tests</li> </ul>   |
| Tools & Technologies | JavaScript, AngularJS, Raphael.js, PHP, CouchDB   |
| Project duration     | August 2018 – December 2018   |

#### **EPAM Systems Inc (October 2013 - August 2018)**

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|----------------------|--|
| Project name         | <b>KRONOS (cross-platform workforce managing application with corporate features).</b>   |
| Project description  | We developed a big cross platform application for managing working processes inside the company (time tracking, holidays approving etc.) and streamline interaction from employee’s side. We created a mobile version of it as well. |
| Position             | FrontEnd developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● feature development</li> <li>● interaction with distributed team</li> <li>● mentoring</li> <li>● covering by unit tests</li> </ul>  |
| Tools & Technologies | JavaScript, React, Moment.js, SCSS, Cordova, Jest  |
| Project duration     | February 2016 – August 2018  |

|                      |   |
|----------------------|---|
| Project name         | <b>QVC (Corporate site for the famous American retailer).</b>   |
| Project description  | Created one of the main pages for the famous American retailer chain.   |
| Position             | FrontEnd developer  |
| Responsibilities     | <ul style="list-style-type: none"> <li>● feature development</li> <li>● close collaboration with customer</li> <li>● mentoring</li> </ul> |
| Tools & Technologies | JavaScript, jQuery, SCSS, Gulp  |
| Project duration     | October 2015 – January 2016   |

|                      |  |
|----------------------|--|
| Project name         | <b>CNBC, TVE, SyFy - Set of sites for the several streaming services for the famous American Channels</b>  |
| Project description  | We created a set of webpages for streaming American services (CNBC, TVE, SyFy etc). They included online streams, sets of offline series, schedule and so on.                  |
| Position             | FullStack developer  |
| Responsibilities     | <ul style="list-style-type: none"> <li>● feature development for client side</li> <li>● module creation on backend side</li> <li>● code review</li> <li>● mentoring</li> </ul> |
| Tools & Technologies | JavaScript, jQuery, CSS, Drupal, PHP, MySQL  |
| Project duration     | October 2013 – October 2015  |

#### **Warecorp (February 2012 – October 2013)**

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|----------------------|---|
| Project name         | <b>Drupal Squad (Application for Drupal Services)</b>   |
| Project description  | This is a website, which provides information about provided services of main company tasks.                              |
| Position             | FullStack developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● feature development for client side</li> <li>● Drupal module creation</li> </ul> |
| Tools & Technologies | JavaScript, jQuery, CSS, Drupal 7, PHP, MySQL   |
| Project duration     | January 2013 – October 2013   |

|                      |   |
|----------------------|---|
| Project name         | <b>VIP Perks (application for discount aggregator).</b>   |
| Project description  | Created a website that collected several bunches of discounts. We used Drupal CMS as the base platform and some UI and functional improvements. |
| Position             | FullStack developer   |
| Responsibilities     | <ul style="list-style-type: none"> <li>● feature development for client side</li> <li>● module creation</li> </ul>                              |
| Tools & Technologies | JavaScript, jQuery, CSS, Drupal 7, PHP, MySQL   |
| Project duration     | August 2012 – January 2013  |

|                      |  |
|----------------------|--|
| Project name         | <b>Application for Recipes creating and sharing service.</b>   |
| Project description  | Developed a beautiful website on which users could easily create their own favorite recipe, share it, vote for others and discuss. |
| Position             | FullStack developer  |
| Responsibilities     | <ul style="list-style-type: none"><li>● feature development for client side</li><li>● module creation</li></ul>                    |
| Tools & Technologies | JavaScript, jQuery, CSS, Drupal 7, PHP, MySQL  |
| Project duration     | February 2012 – August 2012  |