

# Alexey Sytnikov

## Full-Stack Developer

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### Summary

Alexey is a software developer with experience in various roles within startups and entrepreneurial settings. He has honed a wide range of skills, from team building and client relations to hands-on product refinement. Although he explored Data Science and Machine Learning with Python, he found his true calling in software development. His current tech stack includes TypeScript, React.js, Node.js, Next.js, Redux, Express.js, Java, SpringBoot, Supabase, MongoDB, PostgreSQL, Docker, and AWS, as well as testing tools. His most significant professional accomplishment is successfully launching three international SaaS products, gaining #1 page listing in Google and earning recognition in prominent events like Slush and ProductHunt.

### Recent Projects

[AI Image Generator](#) | React.js, TypeScript, REST API, NodeJS, Express.js, Webpack, Vercel | [github repo](#)

Chrome extension allows users to input a prompt and receive a set of AI-generated images based on the description. It offers customizable options for image quantity, size, and style. The extension communicates with the image generation model through a backend proxy server using a REST API for seamless and secure processing and delivery of the images. The backend proxy server is deployed on Vercel.

[Tennis Products E-store "TopSpin"](#) | React.js, TypeScript, Redux Toolkit, ReactRouter, Axios, Material UI, REST API, NodeJS, Express.js, MongoDB, AWS | github repos: [backend](#), [frontend](#)

Full-stack project represents an e-commerce platform specializing in tennis products. The front-end delivers an intuitive and seamless shopping experience, while the back-end boasts a robust REST API. This API enables essential CRUD operations on entities and integrates an authentication and authorization system to ensure secure access.

[Helsinki public transport backend service](#) | TypeScript (OOP approach), NodeJS, Express.js, REST API, MQTT protocol, PostgreSQL, Sequelize | [github repo](#)

Project implements a backend service with persistent storage and REST API endpoints to compute statistics over real-time Helsinki public transport data. The service retrieves real-time positions of public transport vehicles in Helsinki and provides three key statistics via REST API endpoints.

[Image Gallery](#) | Next.js, TypeScript, Pexels API, Zod, TailwindCSS | [github repo](#)

Interactive high-performance image gallery fetching the images from the Pexels image library through Pexels API. By default, curated images from Pexels are loaded on the page. There is a search feature allowing to display the pictures according to the search request. A unique grid, fresh UI, and pagination are implemented.

### Experience

**Product Lead** June 2020 – April 2024 (3 yrs 11 mos)

Marble Technologies Oy | Helsinki, Finland

- Built 2 SaaS products from the ground up that reached Slush 2022 Top-20 and ProductHunt #1.
- Hired and managed a product team, and made 5x growth in 2 years.
- Increased product engagement by 20% by boosting user interaction within the product.
- Collaborated with 20+ internal and external stakeholders weekly.
- Set, measured and adjusted KPIs for the product team quarterly, conducted 50+ customer interviews.

## **Customer Success Manager** November 2020 – January 2023 (2 yrs 2 mos)

Marble Technologies Oy | Helsinki, Finland

- Managed and supported 10.000+ international users.
- Decreased the number of tickets by 50% by creating a self-service support system.
- Built and managed a Customer Support team, aligned customers' interests with the company's goals.
- Analyzed and implemented CS and CRM tools (Intercom, Customerly, etc.) together with improving key metrics (engagement, retention, satisfaction, LTV, etc.) up to 10% yearly.

## **Data Analyst** January 2018 – September 2019 (1 yrs 8 mos)

Peter the Great St.Petersburg Polytechnic University | St. Petersburg, Russia

- Conducted research on exploring the accident rate of the water supply system in St. Petersburg. Collected and analyzed a dataset described by more than 900 parameters.
- Revealed formal models and factors describing and explaining failure states. Published results in the peer-reviewed journal.

## **Education**

**2023** – Full-stack development program – Integrify Academy |Helsinki, Finland

**2019** – PhD in Informatics, Peter the Great St.Petersburg Polytechnic University | St. Petersburg, Russia

**2015** – M.Sc. in Innovations, Peter the Great St.Petersburg Polytechnic University | St. Petersburg, Russia

**2013** – B.Sc. in Engineering Technologies, Peter the Great St.Petersburg Polytechnic University | St. Petersburg, Russia

## **Skills**

- **Backend:** TypeScript, Node.js, Express.js, REST API, Supabase, Java, SpringBoot
- **Frontend:** TypeScript, React.js, Next.js, Redux, shadcn/ui, Tailwind CSS, Material UI
- **Databases:** MongoDB, PostgreSQL, SQLite, TablePlus, PGAdmin
- **Testing:** Jest
- **DevOps:** Docker, CI/CD, CLI Scripting, Heroku
- **Cloud:** AWS
- **Other:** Jira, HubSpot, Intercom, Customerly, MixPanel, Figma, Data Science & ML tools (Pandas, NumPy, Matplotlib, Sklearn)
- **Basic knowledge:** Python

## **Courses**

- Java Backend Development Course Certificate, Integrify Academy (June 2024)
- IBM Data Science Professional Certificate, IBM (May 2020)

## **Languages**

- English: Fluent proficiency
- Russian: Native
- Spanish: Intermediate level
- Finnish: Basic level