

Maxim Titovich

Senior Software Engineer
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Summary

Passionate about building high-quality, scalable software solutions, I specialize in both front-end and back-end development with a strong focus on high-load SaaS applications. With extensive experience in software engineering, product management, and technical leadership, I enjoy solving complex problems, mentoring teams, and driving innovation. I thrive in collaborative environments where technology and business goals align to create exceptional digital products.

Skills and Expertise

- **Software Development:** Full-stack expertise with a focus on scalable architecture, high-load systems, and front-end frameworks.
- **Technical Leadership:** Experience leading cross-functional teams, mentoring engineers, and implementing best practices.
- **Product Development:** Crafting and executing product roadmaps, backlog prioritization, and delivering customer-focused solutions.
- **Customer Engagement:** Gathering feedback, conducting validation testing, and optimizing user experiences.
- **Development Tools & Technologies:** Angular, Node.js, Nest.js, Docker, Redux, GraphQL, MongoDB, PostgreSQL.
- **Agile & DevOps:** CI/CD pipelines, Kubernetes, testing strategies, and process automation.

Technology Stack

- **Frontend:** Angular, React, Next.js, TypeScript
- **Backend:** Node.js, Nest.js, Express.js
- **DevOps & Infrastructure:** Docker, Kubernetes, CI/CD, GCP
- **Databases:** MongoDB, PostgreSQL, Prisma ORM
- **Tools:** Jira, Azure DevOps, GitHub Actions

Carrier Expectations

I am eager to influence and collaborate within a team to contribute to impactful product development and high-quality software solutions.

Personal Interests

Outside of work, I'm an avid drummer and gamer. I love exploring complex rhythms in music, which fuels my problem-solving mindset in software development. Gaming keeps me curious about UI/UX design and real-time performance optimization.

Education

Masters in Automated Business Logics Moscow Power and Engineering University	2013 - 2014
Bachelor in Computer Science Moscow Power and Engineering University	2009 - 2013

Experience

Senior Software Engineer FOSS IQX	2024 – Present
<i>High-Load SaaS Applications Angular & Node.js Scalable Architecture</i>	
<ul style="list-style-type: none">Developing and optimizing IQX's Device Management workspace, enabling customers to efficiently manage their FOSS instruments fleet.Working on high-load data processing, handling large-scale events, samples, and diagnostics.Implementing microservices and event-driven architecture to ensure performance and reliability.	
Product Lead FOSS Software services	2023 – 2024
<i>Product Vision & Roadmap Customer-Centric Development Agile Team Leadership</i>	
<ul style="list-style-type: none">Defined and executed long-term product vision and roadmap for enterprise solutions.Led customer research and validation efforts, ensuring product alignment with business needs.Managed backlog prioritization, focusing on high-impact features with strategic value.	
Technical Product Owner FOSS Software services	2022 – 2023
<i>MVP Development Requirements Gathering Product Architecture</i>	
<ul style="list-style-type: none">Spearheaded MVP development for two SaaS products from inception to launch.Conducted stakeholder interviews and customer research to define product-market fit.Explored mobile app development possibilities using Flutter and Swift.	
Technical Lead FOSS Software Services	2021 – 2022
<i>Architecture Design Technical Leadership Code Quality Assurance</i>	
<ul style="list-style-type: none">Designed and implemented robust front-end architecture for high-scale applications.Established coding standards and best practices, achieving zero vulnerabilities and minimal tech debt.Mentored and onboarded junior engineers, fostering a high-performance development culture.	
Senior Software Engineer FOSS	2021 – 2022
<i>Fullstack Development Node.JS & Angular & .NET Solution Architecture</i>	
<ul style="list-style-type: none">Built large-scale microfrontend architecture using Angular and Webpack for multi-team collaboration.Led agile development processes, acting as both team leader and scrum master.Worked extensively with Node.js & Angular, focusing on performance, security, and scalability.Developed multiple B2B SaaS solutions, handling vast amounts of real-time data.	
Senior Lead Software Engineer Lanit-Tercom	2017 – 2019
<i>Fullstack Development Node.JS & Angular Solution Architecture</i>	
<ul style="list-style-type: none">Acted as a team leader and scrum master, guiding the team in agile methodologies.Engaged in architectural decisions and developed full-stack applications with a focus on big data management.Focused on front-end development using Angular versions 1-5, enhancing user interfaces for complex data interactions.	

Senior Lead Software Engineer | Evva-software

2015 – 2017

Fullstack Development | PHP & Laravel & Yii & CodeIgniter | Solution Architecture

- Worked on both **backend** and **frontend development** with **PHP** frameworks.
- Developed applications using **Laravel** and **Vue.js**, ensuring **modular** and maintainable code.
- Experienced with **Yii framework**, **CodeIgniter**, and others to expand project capabilities.

Software Engineer | TURBODEALER

2014 – 2015

Fullstack Development | PHP & CodeIgniter | Solution Architecture

- Developed **online shopping platforms** and **service applications** using **PHP** frameworks like **CodeIgniter**.
- Worked on various **web development** projects, both individually and as part of a team.

Software Engineer (Intern) | First Line Software

2014 – 2014

Fullstack Development | .NET | Solution Architecture

- Completed a project focused on **web development** during the internship.
- Developed a **service** for **online website building** using predefined templates, laying the groundwork for **customizable online platforms**.

Freelance Software Engineer

2009 – 2014

Fullstack Development | PHP | Solution Architecture

- Worked on various **web development projects** individually, building **hands-on experience** in **project management** and **software development**.
- Developed **websites** and small **web projects** using **PHP**, and engaged in some **C#** and **C++** projects for broader **software solutions**.

Certifications and Courses

- **2024:** *Leadership: Practical Leadership Skills* – Udemy
- **2024:** *The Ultimate Advanced Training for Agile Product Owners* – Udemy
- **2024:** *Communication & Presentation Course* – Wiser Leadership
- **2023:** *Smashing Conf Conference* – Antwerp, Belgium
- **2023:** *Lean Certification* – Lean Akademiet
- **2020:** *Flutter & Dart - The Complete Guide* – Udemy
- **2019 & 2017:** *HolyJS Javascript Conference* – Saint Petersburg, Russia
- **2017:** *iOS Swift Development Course* – Stanford University

Language Skills

- **Russian:** Native
- **English:** Fluent, professional proficiency
- **Danish:** Basic communication
- **German:** Basic understanding,
- **Chinese:** Basic understanding