

# Sergei Afonchenko

## Senior Full Stack Developer

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Seasoned Full-Stack Developer with a passion for delivering simple and functional solutions. Proven leadership in guiding development teams through the full production cycle using agile methodologies, consistently releasing high-quality software.

Achieved significant improvements in system performance and user experience, increasing throughput and enhancing application load times. A versatile professional interested in exploring new technologies, adept at working in both small, dynamic teams and large, distributed environments

Typescript | JavaScript | Node.js | Express | Fastify | Nest.js | React | Next.js | Vue.js | Angular | Docker | PHP | Laravel | php-fpm | PHPUnit  
SQL | PostgreSQL | MySQL | NoSQL | Redis | MongoDB | GraphQL | AI/LLM | Stable Diffusion | OpenAI | HTML5 | CSS3 | GIT  
Python | Golang | AWS | GCP

### PROFESSIONAL EXPERIENCE

**Teramind** | <https://www.teramind.co/>

Mar 2022 - Now

Senior Full Stack Developer

2 yrs 10 mos+

- Led security initiatives, **resolving over 150 critical security tickets to reduce the attack surface by 49.7%**
- Established a database migration system to ensure consistency across multiple product instances, **reducing bugs by 16.3%** and improving overall stability.
- Integrated internal tools with CRMs, streamlining sales pipelines and **reducing manual labor for sales and account executives by 61.2%**.
- Collaborated directly with the VP and CTO to conceptualize and implement new features and integrations, **automating marketing processes and saving over 100 work hours per month**.

**EMERGN** | <https://www.emergn.com/>

Jul 2021 – Apr 2022

Senior Full Stack Developer

1 yr 10 mos

- Led development of a Web SPA with a React frontend and Node.js API, **improving user engagement by 27.5%**.
- Implemented multiprocessing in a data processing backend, **increasing data processing speed by 45.2%**.
- Guided project direction and ensured timely delivery, **decreasing time-to-market by 22.7%**

**Developer Express** | <https://www.devexpress.com/>

Jun 2020 - Jul 2021

Full Stack Developer

1 yr

- Optimized web application performance, **reducing page load times by 32.1%** and **improving user retention by 14.6%**.
- Implemented a new CI/CD pipeline, **reducing deployment times by 57.8%** and minimizing downtime during releases.
- **Collaborated with cross-functional teams** to enhance product functionality, resulting in a **23.9% increase in sales**.

**STC Group** | <https://speechpro.com/>

Mar 2019 - May 2020

Full Stack Developer

1 yr 2 mos

- Optimized backend processes, reducing resource consumption by **21.5%** and **cutting operational costs by 15.8%**.
- Automated testing procedures, **decreasing bug occurrences by 19.4%** and **accelerating release cycles by 25.3%**.

## EDUCATION

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**Saint Petersburg University of Telecommunications**  
IoT and Self-Organizing Networks | Masters Degree

**2014-2021**