

Sergei Afonchenko

Backend Developer

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Experienced Backend Developer with a focus on creating robust and efficient server-side solutions. Demonstrated ability to lead backend teams through the entire development cycle using agile methodologies, consistently delivering high-quality software. A versatile professional interested in exploring new technologies, adept at working in both small, dynamic teams and large, distributed environments

Typescript/ JavaScript | PHP | Golang | Python
Node.js | Express.js | Nest.js | Laravel | php-fpm | PHPUnit
SQL | PostgresSQL | MySQL | NoSQL | MongoDB | Redis | GraphQL | Docker | GIT
AWS | Loki | Grafana | Prometheus | CI/CD | AI/LLM | Stable Diffusion | OpenAI

PROFESSIONAL EXPERIENCE

Teramind | teramind.co

Mar 2022 - Now

Senior Full Stack Developer | Data Loss Prevention

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 | 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 | 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 | 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

Saint Petersburg University of Telecommunications

2014-2021

IoT and Self-Organizing Networks | Masters Degree