**Sergei Petrov**

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# SUMMARY

Senior Software Engineer with 6+ years of experience in architecting distributed web systems using JavaScript, TypeScript, React and Node.js. Focuses on reducing operational overhead through automation and performance enhancements. Delivered solutions that eliminated 80% of manual workflows and improved system throughput by 85% across production-grade environments. Experienced in aligning system architecture with business objectives and maintaining long-term maintainability across multi-service deployments.

# WORK EXPERIENCE

## Senior Full Stack Engineer | Velte Tech | 08/2024 - 02/2025

* Improved website performance by 45% through optimized React rendering and lazy loading strategies, boosting user retention by 20%.
* Delivered internal dashboard architecture using Next.js and Node.js, accelerating product team workflows by 35%.
* Implemented RESTful APIs and microservices to support multi-tenant features, increasing system scalability by 50%.
* Established integration testing framework with Cypress, reducing post-release bugs by 30% and QA cycles by 25%.
* Refactored legacy front-end codebase, integrating TypeScript and modular patterns, decreasing maintenance time by 40%.
* Coordinated cross-team API design and deployment pipelines, enhancing collaboration efficiency and reducing feature delivery time by 20%.

## Full Stack Developer | VYAPAR | 01/2022 - 07/2024

* Deployed e-commerce modules with React.js and Express.js, growing online sales conversion by 18%.
* Transitioned monolithic services into modular REST APIs using Node.js and PostgreSQL, cutting infrastructure costs by 22%.
* Introduced a reusable component library, increasing maintainability and reducing development time by 40%.
* Automated continuous deployment workflows via GitHub Actions and Docker, shortening release cycles by 60%.
* Conducted weekly code reviews enforcing best practices, improving code quality scores by 35% and reducing bugs by 20%.
* Optimized database queries and server-side caching strategies, improving backend response time by 30% and supporting higher traffic loads.

## Full Stack Developer | Kwork | 04/2018 - 01/2022

* Crafted interactive web interfaces with HTML, CSS, and JavaScript, enhancing internal operations efficiency by 25%.
* Translated functional requirements into prototypes and production-ready solutions, reducing delivery time by 30%.
* Enhanced internal tools with user-centered UX improvements, increasing employee adoption by 40%.
* Supported feature updates, bug fixes, and testing cycles, achieving release stability improvement by 28%.
* Integrated cross-functional feedback with non-technical stakeholders, raising user satisfaction scores by 32%.
* Implemented modular front-end architecture and reusable UI components, reducing development effort for new features by 35%.

# SKILLS

JavaScript, TypeScript, React, Next.js, Node.js, Express.js, Nest.js, HTML, CSS, SCSS, Tailwind CSS, Python, Django, PHP, Laravel, Symfony, Rust, React Native, Flutter, Three.js, GSAP, MySQL, PostgreSQL, MongoDB, Firebase, MSSQL, WordPress, Zapier, N8N, Make

# EDUCATION

Bachelor of Computer Science | Moscow State University | 09/2021 – 06/2025