**Sergei Petrov**

Orlando, FL ∙ 321-315-5383 ∙ serhiocoder@gmail.com ∙ GitHub:<https://github.com/MicroDiamond5004>

LinkedIn: [linkedin.com/in/serhiocoder](http://www.linkedin.com/in/serhiocoder)

# SUMMARY

Senior Software Engineer with 4+ 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

* Designed and integrated TypeScript-based front-end automation modules, eliminating 80% of manual booking interactions.
* Rebuilt core client-side architecture to support high-concurrency traffic, increasing system throughput by 85%.
* Overhauled booking interface logic, improving usability and engagement (210% increase in active user interaction).
* Authored system documentation, reducing onboarding time by 50% and improving cross-team collaboration.
* Implemented a configuration-driven deployment strategy, reducing downtime during releases by 90%.

## Full Stack Developer | VYAPAR | 01/2022 - 04/2023

* Built and deployed a UTM tag generation app with React/Next.js, acquiring 1,000+ active users.
* Implemented a modular form generator, reducing campaign setup time by 75%.
* Developed a mobile-first guidance tool, cutting support requests by 40% through improved UX and accessibility.
* Conducted A/B testing and user behavior analysis, increasing task completion rates by 35%.
* Delivered reusable UI components and internal style guides, reducing implementation time across the team.

## Full Stack Developer | Emma4Christ | 04/2020 - 01/2022

* Engineered a multilingual OCR pipeline using Tesseract.js and Node.js with 95%+ accuracy.
* Built asynchronous document processing flows, reducing turnaround time by 60%.
* Constructed administrative dashboards for content validation, saving 25+ staff-hours weekly.
* Synchronized test cycles with QA and release teams, ensuring 99.9% deployment uptime.
* Migrated core modules from monolithic to modular architecture, enabling independent deployments and reducing CI bottlenecks.

# 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 | 09/2022 – 06/2026