

Dmitrii Shmakov

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Senior Product Engineer with 10+ years building fast consumer products across fintech and marketplaces. Works across React, TypeScript, Next.js, frontend architecture, backend development, and performance. Uses AI tools and automation to speed up delivery and prototype product ideas. Owns features end to end, from system design and API decisions to UI, with design and backend teams.

SKILLS

Primary Skills	React, TypeScript, React Native, JavaScript, Node.js, Next.js, Java, Spring Boot, Tailwind, React Query, Jest
Secondary Skills	React-testing-library, Vite, Webpack, Docker, Playwright, Redux, Apollo, GraphQL, SCSS, Kotlin, Express.js, Git
Certifications	Claude Code in Action (Anthropic), PME PMBOK (Expert PME), SWE team lead program (Otus)

EXPERIENCE

Senior Product Engineer Neverless	Feb 2026 - Present <i>Dubai, UAE</i>
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- Improved Neverless.com's Next.js performance, bringing p75 mobile LCP from 4s+ to 1.16s and INP to 62ms; independently built a full-stack back office from frontend through backend APIs, automating workflows and reducing manual work by 60%.

Founding Software Engineer Marbl	Jul 2025 - Feb 2026 <i>Dubai, UAE</i>
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- Owned end-to-end frontend delivery for a medical aesthetics marketplace, building its Next.js consumer platform and an AI-powered A/B testing platform for rapid product experimentation. Partnered with product and design to ship search and discovery, secure booking workflows, and a premium responsive UI for patients and accredited clinics across the UK and US.

Lead Software Engineer Vega Investments	May 2023 - Jun 2025 <i>Dubai, UAE</i>
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- Led frontend architecture and end-to-end delivery of a wealth management platform, working with a five-person cross-functional team to launch in 10 months; built portfolio workflows that supported a \$20M funding round.
- Improved frontend speed and reliability across the team by deploying TabbyML, a custom AI coding assistant, CI/CD pipelines, strict TypeScript, and automated testing standards; accelerated delivery cycles by 50% and reduced production incidents by 80%.

Senior software engineer Revolut	Aug 2019 - Feb 2023 <i>Dubai, UAE/ Moscow, Russia</i>
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- Optimized Revolut's main consumer website (4M+ MAU, 80K+ pages), improving load performance by 75% and Time to Interactive by 45% while meeting GDPR and accessibility standards across a global regulated product.
- Owned end-to-end frontend delivery for Revolut Credit, building client-facing applications and internal tools for 100K+ customers; maintained 99.97% uptime and 97.8% test coverage for reliable delivery in a regulated, business-critical domain.
- Architected a reusable React framework for back-office teams and established global frontend architecture standards, reducing feature delivery time by 30% and production defects by 30% for 50+ internal users.

Senior software engineer Level travel	Mar 2018 - Jul 2019 <i>Moscow, Russia</i>
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- Overhauled frontend architecture and build pipelines, cutting build time by 90% from 2h to 20m and tripling release cadence; implemented SSR for core search and booking pages, improving initial load speed by 45% and organic visibility by 20%.

Software engineer Open Bank (Rocketbank)	May 2017 - Feb 2018 <i>Moscow, Russia</i>
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- Developed React Native features for the Rocketbank mobile app and delivered a Digital Mortgage MVP, creating a digital-first mortgage journey that increased application conversion by 20%.

Co-founder / CTO JureCloud	Sep 2014 - May 2017 <i>Moscow, Russia</i>
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- Led a team of six engineers to build an AI-powered legal automation platform, owning product and technical delivery; reduced document generation time by 50% and reached 300+ active business users within the first year.

Software engineer Netbell	Aug 2013 - Sep 2014 <i>Moscow, Russia</i>
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- Delivered three frontend projects using jQuery, Node.js, D3.js, and Sass, building interactive data visualizations and improving user interaction and operational efficiency.

Education

Master of Business Informatics , High School of Economics, Moscow	2017
Bachelor of Business Informatics , High School of Economics, Moscow	2015