

Ivan Ulyanov

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SUMMARY

With over a decade in the tech industry, I've transitioned from foundational coding of low-latency platforms to steering transformative projects across diverse domains.

Specializing in TypeScript, React.js, Node.js, and GraphQL, I utilize cloud technologies to craft robust and scalable solutions. My agility in project development and passion for continuous improvement have led to recognized contributions and leadership roles. Beyond mere coding, I've pioneered custom frameworks, emphasized clean coding practices, and championed collaborative team dynamics. With an entrepreneurial spirit, I ensure seamless and rapid product evolution, always striving for excellence.

EXPERIENCE

Full Stack Software Engineer

Oct 2021 – Present

Tilla

- Identified the need for and led the transition from an Express-based prototype to a robust, production-ready NestJS application, taking full ownership of the project's success.
- Seamlessly migrated the system from REST API to GraphQL, ensuring the integration of industry best practices and providing hands-on coaching to the team for easier adaptation to the new tech stack.
- Pioneered the introduction of performance monitoring; upon pinpointing critical inefficiencies, I took responsibility for redesigning the architecture and logic, achieving a remarkable reduction in request delays from 1 minute to almost instantaneous responses.

Software Engineer

Mar 2021 – Oct 2021

Deel

- Assumed ownership of a vital legacy admin application, collaboratively devising a strategy with team members to overhaul its architectural design.
- Introduced pivotal toolbelt enhancements, taking charge of resolving long-standing challenges tied to hot reloading, source mapping, and debugging.
- Recognizing the potential of TypeScript and modern architectural methodologies, I actively advocated for company-wide adoption. Taking personal responsibility, I steered the transformation of the admin application, culminating in a significantly enhanced, clean, and maintainable codebase.

Co-Founder, CTO

Mar 2018 – Jun 2021

RedFenix

- Architected and developed a comprehensive, multifaceted platform which included a variety of web and mobile applications, specialized WiFi captive portals, and a solid NodeJS backend. - Adapting to emerging tech needs, I self-taught and integrated new technologies related to WiFi networks and firmware development
- Managed and technically mentored a developer team, ensuring consistent adherence to coding best practices, effective product development, and efficient deployments.
- Oversaw the seamless deployment of all platform components on the Google Cloud Platform, emphasizing scalability and reliability.
- Our technical efforts and innovations led us to be part of the Chile SUP program, and I was proud to see our product succeed in a pilot with a major ISP in Ecuador.

Senior Software Engineer, Architect

Jan 2018 – Mar 2021

Orthodox Union

- Played a lead role in redeveloping the company's internal CRM backend, transitioning to the innovative Event Sourcing approach.
- Immersed myself in advanced concepts such as Event Sourcing, CQRS, and Domain-Driven Development. This empowered me to architect a novel and efficient system and enriched the team's expertise as I shared my insights and learnings.
- Successful migration from an older system to a modern, more efficient one earned commendations from both the business department and senior leadership
- Originally onboarded for a specific task, my contributions and the tangible impact they delivered led to extended long-term contract, entrusting me with even more responsibilities.

Senior Software Developer, Architect

Feb 2016 – Jan 2018

RevJetRevJet

- Acted as a key troubleshooter for urgent team projects, ensuring timely delivery across multiple company products, bolstering operational efficiency.
- Distinguished as a top-tier engineer, I created a social network advertising application from the ground up, which subsequently anchored the company's go-to-market strategy.

Software Engineer

Jan 2015 – Feb 2016

TrueDash

- Pioneered the adoption of Full Stack development, enabling the team to expedite feature rollouts and efficiently meet business objectives.
- Championed OOP best practices, driving the shift to ES6 and a class-centric architecture; mentored the team on code enhancement techniques.
- Collaborated with the Backend team to optimize system API, achieving significant reductions in network load and minimizing API calls.

Senior Software Engineer

Apr 2014 – Dec 2014

NPTV

- Together with my team, I developed a cutting-edge reactive framework atop a browser-less engine, incorporating elements like virtual DOM logic, rendering pathways, and layout algorithms.
- Showcased the capabilities of this new technology by crafting applications rooted in the framework.
- Revitalized my foundational C++ skills, facilitating the creation of an environment anchored in the V8 JavaScript engine. Furthermore, I introduced a remote debugging agent to amplify debugging functionalities for fellow developers.

Front-End Software Engineer

Sep 2011 - Mar 2014

Spotware Systems (cTrader)

- As an early developer on the team, I established foundational elements for a SaaS low-latency trading platform tailored for Forex exchange. This foundation has sustained and facilitated growth for over a decade.
- Pioneered a custom JavaScript framework and toolset, emphasizing swift development cycles.
- Achieved exceptional optimization, enabling real-time charting, network, and data processing. Impressively, the browser-based performance surpassed that of its C native counterpart.
- Stepped up in a leadership capacity to streamline inter-team communication, catalyzing accelerated product evolution.

TECHNICAL SKILLS

Languages: TypeScript, GraphQL, JavaScript, SQL (Postgres), MongoDB, HTML/CSS

Frameworks: React, Node.js, NestJS, Prisma, Express, Vue, React Native

Tools: Git, Docker, Google Cloud Platform (GCP), Amazon Web Services (AWS)

Other: Software Architecture, Team Coaching, Product Management, Team Leadership, Individual Contributor

EDUCATION

Altai State Technical University

Master in Computer Science