

# Anton Vusatyi

Fullstack Software Engineer

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## Summary

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**Full Stack Developer** with 9+ years of experience designing architectures and implementing **distributed systems** and applications using **Node.js**, **JavaScript**, and **TypeScript**. Worked on **highly available** and **secure** systems, including processing of sensitive data.

Participated in **all stages** from planning and design to implementation and process optimization. Successfully tackled ambiguous tasks, formulated technical approaches, and implemented best development practices.

Collaborated closely with **cross-functional teams**, including **UX designers** and **product managers**, to create user-oriented products. Applied **Agile** methodologies; **led dev teams**, providing **mentorship** and fostering growth. Strong focus on **~200 RPS**, **P95 ≤ 500 ms**, **zero-downtime** releases, and mature **CI/CD**.

Introduced **AI** into development and management processes, improving productivity several times.

## Skills

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**Programming:** **TypeScript**, JavaScript (Advanced); **Java**, **Python**, **Go** (Working proficiency); **SQL**

**Frontend:** **React**, **Next.js**, **Vue**, **Nuxt**, **TypeScript**, **HTML/CSS**

**Backend:** **Node.js** (NestJS, Express), **Java** (Spring Boot), **GraphQL**, **REST**, **RPC**, **WebSockets**

**Data & Storage:** Relational and NoSQL datastores (*PostgreSQL*, *Redis*, *MongoDB* etc.)

**Cloud & DevOps:** **AWS**, **Azure**, **Docker**, **IaC**, **CI/CD** (GitHub Actions, Jenkins)

**Architecture & Practices:** **Distributed Systems**, **Scalability**, **Fault Tolerance**, Event-Driven Architecture, Message Queues & Stream Processing, **Observability**, System Design

## Experience

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**Software Engineer** → **Lead Software Engineer**, EPAM Systems – Istanbul, Turkey Sept 2021 – present

Led modernization of an enterprise platform; owned architecture, reliability, and delivery at scale.

- Designed and operated backend services handling **~200 RPS** with **P95 ≤ 500 ms** and **zero-downtime** releases.
- Built **event-driven** cloud-native components using **AWS SQS** and **Lambda** for async communication between microservices.
- Developed data-processing pipelines on **Azure Durable Functions** (Excel ingestion → validation → reporting) with idempotent steps and retries.
- Integrated microservices via **Azure Event Hub** to enable data platform streaming and ingestion.
- Optimized **CI/CD** pipelines (**60 → 15 min**) and reduced MTTR via automation and observability improvements.
- Mentored 20+ engineers and facilitated architecture review sessions across teams.

**Software Engineer**, MEDIA5 – Moscow, Russia

Apr 2021 – Sept 2021

Built platform for automated promo-site deployment; focused on developer experience and runtime efficiency.

- Designed reusable delivery system → *reduced infrastructure costs ~3× and development time ~10×*.
- Delivered '*Node.js*' services and '*CI/CD*' integrations for templated provisioning.

**Software Engineer**, Piramis – Novorossiysk, Russia

July 2019 – Apr 2021

Led development of a scalable web platform; introduced monitoring and modular architecture.

- Scaled application to **40K DAU**.
- Delivered features driving **~17× monthly revenue growth** over 2 years.
- Built internal package library → halved feature delivery time.

**Software Engineer**, SITEMADEPRO – Novorossiysk, Russia

Mar 2017 – July 2019

Delivered commercial web projects and improved team efficiency through internal frameworks.

- Delivered 13+ projects end-to-end; introduced shared framework → delivery speed ×3.
- Strengthened CI and testing for higher release stability.

## Projects

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### **Shestakov Yacht Sales — Platform Revamp**

Cloud / backend modernization for a global yacht marketplace.

- Re-architected backend infra (**Next.js** + **Node.js** + **NestJS** + **NATS** + **IaC**) with defined SLOs and monitoring.
- Implemented **PostgreSQL-based queue** for batched and parallel updates to optimize write throughput.
- Improved deployment and page performance; enhanced user experience ×2.

### **Bizii — AI-Assisted Trademark Platform**

Designed backend architecture and CI/CD for an **AI-driven B2B platform**.

- Built ‘TypeScript’ backend on ‘Supabase’ / ‘Vercel’; implemented ‘RAG-style pipelines’ for automation.

## Publications

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### **Architectural Approaches to Building Highly Available Distributed Systems**

May 2025

*Anton Vusatyi*

[bit.ly/43rDciz](https://bit.ly/43rDciz) (Research note)

### **Theoretical and Methodological Foundations for the Development of Distributed Systems in the Context of Digital Transformation**

June 2025

*Anton Vusatyi*

[7universum.com/ru/tech/archive/item/20317](https://7universum.com/ru/tech/archive/item/20317) (Research note)

## Research & Writing

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### **Message Broker Workshop**

Hands-on research of broker semantics for write-heavy systems; formalized in GitHub with documentation. Ongoing.

- Exploring trade-offs between at-most-once, at-least-once, and exactly-once processing.
- Practical experiments with RabbitMQ Streams, Kafka Streams, and AMQP batching; benchmarks and analysis in progress.

## Education

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**Moscow Humanitarian University**, in General – Moscow, Russia

Sept 2015 – Aug 2019

## Certificates

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- AWS Developer Associate
- PMI Certified (Project Management)

## Volunteering

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**Technical Interviewer / Mentor**, EPAM Systems

Jan 2023 – present

Conduct technical interviews, mentor engineers, and support career growth programs.