

EGOR DULTSEV

SENIOR BACKEND / FULLSTACK ENGINEER (TYPESCRIPT, NODE)

 Belarus (Open to relocation/remote)

 DULTSEVEGORPW@GMAIL.COM

 TELEGRAM : @PLUSWHALE

SUMMARY

Senior Engineer with 7+ years of experience building high-load backend and frontend systems, fintech platforms, and AI-powered applications.

Specialising in Node.js and React ecosystems, distributed architectures, and LLM-based pipelines. Strong focus on performance, scalability, and system reliability.

Proven track record of improving system performance (up to 3×), designing API-first platforms, and delivering production-grade data and automation systems.

SKILLS

Languages: TypeScript, JavaScript, Python, Java, C++, Solidity, Rust

Backend: Node.js, NestJS, REST, GraphQL, gRPC, WebSockets, Microservices

Frontend: React, Next.js, Vue, Astro, Nuxt.js

Databases: PostgreSQL, MySQL, Redis, Prisma, TypeORM, MongoDB, DynamoDB

Cloud & DevOps: Docker, Kubernetes, CI/CD, AWS, GCP,, S3, SNS, SQS, Cognito, API Gateway, Lambda, Terraform

AI / Data: LLM APIs, AI pipelines, data processing, analytics systems

EXPERIENCE

OTP Exchange: 01/2026 – 06/2026, 5 months

Role: Lead Full Stack Engineer

- Leading development of an OTP-based exchange platform (Fiat - Crypto) with real-time request processing and embedded chat system
- Designed and implemented API-first backend architecture with WebSocket-based real-time communication
- Built full request lifecycle system: creation -> processing -> operator interaction -> completion, including status management and history tracking
- Developed LLM-powered and automation-driven workflows for user onboarding and communication
- Implemented scalable infrastructure using PostgreSQL, Redis (queues, rate limiting), and BullMQ for async processing
- Designed modular frontend architecture with reusable UI system
- Ensured production-ready system reliability: state persistence, real-time synchronisation, and fault-tolerant message handling

Tech: TypeScript, Nest.js, WebSockets, React, PostgreSQL, Redis, Docker, AWS

69Pixels: 09/2025 – 01/2026, 6 months

Role: Full Stack Engineer

Built and scaled core SaaS platform features for creators and digital businesses.

- Designed API-first backend architecture for SaaS platform (payments, analytics, automation)

- Built AI-powered onboarding and content generation workflows using LLM APIs
- Developed analytics pipelines and A/B testing infrastructure
- Reduced backend latency by 30% via caching and async processing
- Improved frontend performance by 28% with modular architecture

Tech: TypeScript, Node.js, React, Python, PostgreSQL, Redis, Docker, AWS, DynamoDB, S3, SNS, SQS

COINWEB: 08/2023 – 08/2025, 3 years

Role: Backend / Blockchain Engineer

Developed backend services and blockchain integrations for multi-platform transaction routing.

- Designed backend services handling **high-throughput transaction flows**
- Mentored **30+ students** in modern web development
- Built automated testing infrastructure raising coverage to **92%+**
- Increased core service performance by **3×** through architecture optimization
- Implemented smart contract integrations and blockchain communication layers
- Created rebalancer and hedging engines which makes profit for customer

Tech: Node.js, AWS, Lambda, TypeScript, Python, Solidity, Rust (FFI), PostgreSQL, Redis, WebSockets, DynamoDB, S3, SNS, SQS

FREELANCE: 03/2022 – 07/2023, 1.5 years

Role: Freelance Full Stack Engineer

- Delivered 10+ production systems across fintech, SaaS, and analytics domains
- Built API-driven platforms, dashboards, and automation tools
- Integrated external APIs and payment systems

Tech: TypeScript, Next.js, Node.js, REST APIs, Docker

IBA: 12/2019 – 02/2022, 2+ year

Role: Software Engineer

Developed internal platforms and research prototypes for academic and institutional systems.

- Built internal web applications adopted by **3+ academic departments**
- Implemented secure digital identity and voting modules
- Developed tamper-proof digital certification system using IPFS

Tech: React, TypeScript, REST APIs, Firebase, IPFS

EDUCATION

09/2018 - 06/2022

Sankt-Petersburg State University(SPbU), St-Petersburg

Bachelor of Science in Applied Informatics

Software Engineering