

# Eugene Perminov

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## Summary

**Senior Software Engineer** with **10 years** of experience building scalable **cloud applications** across diverse industries. Proficient in **Node.js**, **React**, **TypeScript**, and cloud-native tools such as **Docker** and **AWS**. Experienced in high load systems consisting of over **100 microservices**, communicating efficiently through **Kafka**.

Enthusiastic about Web3 technologies, including **Ethereum** and **Solidity**.

## Experience

### Senior Software Engineer, 2021 - 2024

**Katana cloud inventory**, Tallinn, Estonia | Remote

- **Microservices Development & Maintenance:** Designed and optimized microservices in a system of around 100 services, ensuring scalability and efficient communication via Kafka with thousands of messages per minute.
- **Cross-Team Collaboration:** Delivered product features like the Katana public API gateway, which scaled by 400% (from hundreds to thousands of requests per minute), webhooks, sales orders, and inventory planner.
- **Manufacturing Resource Planning:** Improved calculation logic, which reduced errors by 80% and decreased calculation time by 60% (from 3–5 seconds to 1–1.5 seconds).
- **System Investigations & Planning:** Participated in technical investigations and estimations, and led several epic planning sessions, including backlog grooming.
- **Database Optimization:** Enhanced the structure and query performance across multiple PostgreSQL databases, significantly reducing service response times.
- **DevOps Maintenance:** Boosted CI/CD pipelines, parallelized integration tests, and reduced test execution time by 60% (from 5 minutes to 2 minutes).

### Senior Software Engineer, 2020 - 2021

**Huawei R&D Lab**, Saint-Petersburg, Russia | Remote

- **Front-End Development:** Built the front-end of an IDE for C/C++ developers using Visual Studio Code API, Node.js, Svelte, and TypeScript.
- **Remote Debugging & CI/CD:** Implemented a remote debugging server, set up CI/CD pipelines for packaging and delivering new versions of the extension, and integrated gRPC protocol for communication.

## Skills

### Programming Languages:

TypeScript JavaScript  
Ruby Go HTML5 SQL  
Solidity

### Back-end:

Node.js Express Nest.js  
Microservices Ruby on Rails  
Go Gin gRPC REST

### Front-end:

React Redux Webpack  
CSS3 Next.js  
MetaMask SDK Ethers.js  
GraphQL Apollo Client

### Soft:

Scrum Adaptability Agile  
Leadership Critical Thinking  
Time Management

## Experience

### Full-stack Developer, 2018 - 2020

**Diversido**, Remote

- Front-End Development: Improved interfaces with user-friendly UI using modern front-end technologies, including React, Redux, Redux Saga, and TypeScript.
- Back-End Development: Built stable, fast, and scalable back-end applications leveraging Node.js, Express, Nest.js, and PostgreSQL.
- Client Collaboration: Maintained close communication with clients and product owners across multiple projects, ensuring their requirements were accurately implemented.
- CI/CD Implementation: Set up and maintained CI/CD pipelines with Docker, AWS, and Heroku for seamless deployment.
- Project Management: Frequently worked on multiple projects simultaneously, efficiently adapting to shifting contexts and priorities.
- Architecture & Planning: Contributed to architectural decisions and provided time estimates for project tasks, incorporating tools like GraphQL, Apollo Client, and Ruby on Rails.
- Testing & Quality Assurance: Ensured high-quality deliverables by writing unit and integration tests with Enzyme, Jest, and Docker.

### Full-stack Developer, 2017 - 2018

**Ecombix**, Saint-Petersburg, Russia

- Enhanced an application that connected to e-commerce platforms such as Shopify, Magento, and WooCommerce, leveraging a service-oriented architecture with RabbitMQ.

### Junior Back-end Developer, 2016 - 2017

**BurningButtons**, Omsk, Russia

- Developed a Facebook chatbot using Node.js, Express, and PostgreSQL, and integrated Stripe API for payment processing.

### Junior Front-End Developer, 2014 - 2016

**7Bits and Avelix**, Omsk, Russia

- Contributed to front-end development for banking and medical applications using React and Redux.

## Education

**Dostoevsky Omsk State University**

**Degree: Bachelor**

2011 - 2015

**Field of Study:** Applied Mathematics and IT

## Skills

### Databases:

PostgreSQL

MongoDB

Redis

Kafka

Elasticsearch

### Testing:

Jest

Mocha

Chai

Cypress

### DevOps:

Kafka

Docker

AWS

Debezium

Kubernetes

Github Actions

RabbitMQ

Aptible

Heroku

Okteto

Datadog

### Blockchain:

Ethereum

EVM

Hardhat

## Languages

**English:** Fluent



**Russian:** Native



## Pet Projects

### Real One Chess King

**Status:** In progress

- Chess platform focusing on custom rules and unique game modes. Using Websockets, Nest.js, MongoDB and Docker.

### NFT Open Marketplace

**Status:** In progress

- Simple NFT marketplace based on Ethereum, Solidity, Hardhat and ethers.js. Custom server for Ethereum node indexing.