

# Alexandr Croitor

## Middle Full-Stack Engineer / Full Stack Developer

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### Experience

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#### full-stack engineer

01/2024 – Present

- Developed online services and analytical dashboards handling high-load traffic and real-time data processing.
- Built end-to-end applications: backend services (**Go, Node.js/TypeScript, PHP**) and frontend interfaces (**React, Next.js, Vue**)
- Performed **systems programming and tooling in Rust**, developed automation scripts and internal utilities
- Designed and maintained **CI/CD pipelines** using **Docker / Podman, GitLab CI/CD**
- Worked with **relational and NoSQL databases (PostgreSQL, MySQL, ClickHouse, Redis, Elasticsearch, MongoDB)**
- Applied **Clean Architecture, DDD, CQRS, API Gateway, DTO** in microservice-based systems

### Skills

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#### Frontend Frameworks

React, Vue.js, Next.js, Nuxt.js and other SSR frameworks

#### Languages

Rust, Go, PHP, TypeScript, Python. JavaScript(ES6+), Shell

#### DataBases

MySQL, PostgreSQL, SQLite, Redis, MongoDB, Clickhouse, ElasticSearch

#### Devops

Docker, podman, docker-compose, k8s, Terraform, Ansible, Jenkins, GitLab CI/CD, Prometheus + Grafana

#### Soft skills

Strong problem-solving skills in high-load systems

### Projects

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#### 1. Casino FullStack Developer / Data Engineer, (Private, no repo)

01/2024 – 07/2025

- Designed and implemented a **high-performance analytics system** for game events (RTP, jackpots, bonus sessions)
- Built frontend using **Vue** for session and player control
- Developed backend services using **Go, PHP, JavaScript**
- Implemented **ETL pipelines** and integrated external game APIs
- Stored and processed analytics in **SQL and NoSQL databases**
- Optimized information processing by increasing throughput and analytics quality, implemented modern logging and information gathering systems such as Fluentd and Clickhouse for information gathering.
- Accelerating performance by approximately 50% allowed us to implement about 70 more jackpots for analytics and work with them without any loss in performance.
- devops, configuring containers, environments, and automation on Linux servers using Terraform + Ansible, as well as using nix-like systems.
- Implemented anomaly detection algorithms (e.g. “hot slots”)

## **Education**

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**USM – Bachelor's Degree in Computer Technology**