

# Oleg Maksimov

## Senior Backend Engineer

 Chanteheux, France ·  +33 6 52 64 23 77 ·  [oleg.v.maksimov@gmail.com](mailto:oleg.v.maksimov@gmail.com)  
 [linkedin.com/in/olegmaksimov](https://linkedin.com/in/olegmaksimov)

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## Summary

Senior Backend Engineer with extensive experience building, refactoring, and scaling production-grade backend systems. Strong background in clean architecture, event-driven systems, and cloud-native deployments. Proven ability to work in complex monorepositories, improve system reliability, and collaborate cross-functionally with product, frontend, and QA teams. Experienced in technical ownership, system evolution, and operational excellence.

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## Core Skills

**Languages & Frameworks:** TypeScript, JavaScript, Node.js, Python, React

**Databases:** PostgreSQL, MySQL, MongoDB

**Architecture:** REST APIs, Event-driven systems, Clean / Layered Architecture

**Messaging:** Kafka, RabbitMQ

**Cloud & Platforms:** AWS (Lambda, ECS, EKS, S3, API Gateway), DigitalOcean

**DevOps & CI/CD:** Docker, Kubernetes (basics), GitHub Actions, CircleCI

**Testing & Observability:** Jest, Playwright, Datadog, ELK

**Security:** Auth0

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## Languages

Ukrainian (Native) · Portuguese (Native) · English (C2) · Russian (C2) · French (B1–B2)

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## Education

### Bachelor's Degree (not completed) — Engineering

Instituto Superior Técnico, Lisbon, Portugal

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## Experience

### Strapi Solutions — Paris, France

**Backend Engineer** | Oct 2023 – Present

- Develop and maintain backend services in a large-scale monorepository, ensuring code quality, modularity, and maintainability.
  - Owner of multiple implementations and features.
  - Key contributor to a major refactoring initiative, migrating the codebase to a clean Application / Infrastructure / Service architecture.
  - Design and implement secure third-party API integrations with robust error handling and reliable data flows.
  - Build scalable APIs and backend features using Node.js, TypeScript, and PostgreSQL following cloud-native best practices.
  - Implement event-driven and asynchronous workflows using Kafka and RabbitMQ.
  - Contribute to Docker-based build and deployment services across AWS, DigitalOcean, and Kubernetes environments.
  - Improve reliability through automated testing (Jest, Playwright), CI/CD pipelines, and on-call participation, maintaining ~99% service uptime.
  - Collaborate closely with Product Managers, EM, Frontend, QA, and Customer Support teams to deliver high-quality features and resolve complex issues.
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### Datagatherers — Lisbon, Portugal

**Co-founder & Backend Developer** | Jul 2019 – Sep 2023

- Designed, built, and operated backend systems for data gathering, processing, transformation, and delivery.
  - Worked across the full software lifecycle: requirements, system design, development, deployment, and maintenance.
  - Built scalable APIs, integrated third-party services, optimized database queries, and implemented security measures.
  - Used TypeScript, Node.js, Python, MySQL, and MongoDB; deployed and operated systems on AWS.
  - Contributed to product direction, technical strategy, operational efficiency, and client contract discussions.
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## Education

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## Languages

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