Oleg Maksimov

Senior Backend Engineer

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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.

CORE SKILLS

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

Databases: PostgreSQL, MySQL, MongoDB

Architecture: REST APIs, Event-driven, Clean Architecture

Messaging: Kafka, RabbitMQ

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

DevOps & CI/CD: Docker, Kubernetes, GitHub Actions, CircleCI

Testing & Observability: Jest, Playwright, Datadog, ELK

Security: Auth0

LANGUAGES

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

EDUCATION

Bachelor's Degree (not completed) — Engineering Instituto Superior Técnico, Lisbon, Portugal

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.
- 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, Engineering Managers, Frontend, QA, and Support teams to deliver high-quality features.

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.

Teleperformance / Cognizant

Call Centre Quality Analyst | Feb 2017 – May 2019
- Ensured quality of customer interactions in a multilingual environment through monitoring, evaluation, and coaching.
- Managed and trained QA analysts; defined KPIs to improve service consistency and customer satisfaction.