



Oleg Maksimov

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ABOUT ME

Experienced backend engineer and co-founder with a strong focus on building scalable, high-performance applications. Skilled in **TypeScript, Node.js, Python**, and databases like **PostgreSQL, MySQL, and MongoDB**, with hands-on experience in API design, third-party integrations, event-driven architectures, and cloud deployments (**AWS, Docker, Kubernetes**). I have contributed to codebase refactoring, technical strategy, and operational efficiency, while collaborating closely with frontend teams, PMs, and QA to deliver high-quality solutions. Passionate about continuous learning, I stay up-to-date with industry trends and enjoy tackling challenging problems to improve system reliability, performance, and scalability.

WORK EXPERIENCE

Strapi Solutions – Paris, France

Website: <https://strapi.io/> | Business or sector: Information and communication

Back End Engineer

[07/10/2023 – Current]

- Worked within a large **monorepository** environment, contributing to backend services and ensuring strong code quality, modularity, and long-term maintainability.
- Acted as a key driver of a major **codebase refactoring initiative**, migrating to a clean Application / Infrastructure / Service layered architecture to improve clarity, testability, and scalability.
- Led and implemented **third-party API integrations**, ensuring secure communication, robust error handling, and reliable data flows.
- Assisted in building and enhancing a **Docker-based build and deployment service**, supporting multi-cloud environments including **AWS, DigitalOcean, and Kubernetes**.
- Developed backend features and scalable APIs using **Node.js, TypeScript, JavaScript, and PostgreSQL**, following cloud-native best practices.
- Built **event-driven and asynchronous workflows** using **Kafka** and **RabbitMQ** for high-throughput, resilient architectures.
- Implemented **authentication and authorization flows** using **Auth0** and contributed to overall security improvements.
- Wrote and maintained **unit, integration, and end-to-end tests** with **Jest** and **Playwright**, significantly improving test coverage and system reliability.
- Automated builds, testing, and deployments via **GitHub CI/CD**, enabling faster, consistent, and reliable delivery pipelines.
- Collaborated with **Product Managers, Engineering Managers, QA, and Frontend teams** to ensure cross-functional alignment and high-quality feature delivery.
- Participated in **brainstorming and technical strategy sessions** on cost reduction, scalability, and build-time optimization, enhancing performance and efficiency.
- Utilized **Knex** for database migrations and query building, maintaining consistent schemas and smooth database evolution.
- Maintained **99% service uptime** through active participation in the on-call program, quickly resolving incidents and implementing long-term fixes.
- Worked with the **customer support team** to resolve edge cases and improve overall customer satisfaction.

Datagatherers – Lisbon, Portugal

Cofunder, Back End Developer

[01/07/2019 – 30/09/2023]

- Developed, maintained, and optimized applications for **data gathering, processing, transformation, and delivery**.
- Contributed across the full **software development lifecycle**, from requirements gathering and design to coding, testing, deployment, and maintenance.
- Worked with **TypeScript, Python, Node.js**, and databases like **MySQL** and **MongoDB**; deployed applications on **AWS**; utilized tools such as **Puppeteer** and **Postman**.

- Designed and implemented **scalable APIs**, integrated with third-party services, optimized database queries, and implemented security measures.
- Collaborated closely with **frontend developers and stakeholders** to ensure seamless integration and high-quality user experience.
- Contributed at a **co-founder level**, helping define product direction, make strategic technical decisions, improve operational efficiency, and participate in client contract discussions.
- Committed to **continuous learning and staying current** with industry trends and best practices.

 **Teleperformance, Cognizant**

Call centre quality analyst

[01/02/2017 – 31/05/2019]

- Ensured the **quality of customer interactions** in a multilingual market, developing and implementing QA processes including call monitoring, evaluation, and coaching.
- Managed and trained QA analysts, supporting promotions and career development, and fostering a positive, productive work environment.
- Implemented **performance metrics and KPIs** to track individual and team performance and identify improvement areas.
- Developed strategies to address challenges in **multilingual customer support**, enhancing service consistency and satisfaction.
- Engaged in **self-directed learning and professional development**, including **6 Sigma courses**, to improve team performance and deliver high-quality results.

EDUCATION AND TRAINING

Bachelor's

Instituto Superior Tecnico [01/09/2009 – 31/07/2014]

City: Lisbon | Country: Portugal | Website: <https://tecnico.ulisboa.pt/en/> | Field(s) of study: Engineering | Final grade: Not completed

LANGUAGE SKILLS

Mother tongue(s): Ukrainian | Portuguese

Other language(s):

English

LISTENING C2 READING C2 WRITING C2
SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Russian

LISTENING C2 READING C2 WRITING C2
SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

French

LISTENING B2 READING B1 WRITING B1
SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Java Script / Mongo Db / Type Script / API / Node Js / HTML & CSS / PostgreSQL / Monitoring Tools (ie DataDog, ELK) / Kubernetes Basics / Git/Github, Docker, Gitlab / AWS - Lambda, ECS, EKS, S3, API Gateway, Serverless