

Oleg Efimov

Backend Platform Engineer

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About

Principal Platform Engineer with over 15 years of experience building and scaling backend systems and infrastructure. Successfully leading complex cross-team initiatives, with a strong focus on delivery, accountability, and observability. Good in performance optimizations, have a deep knowledge of media infrastructure, including custom CDN solutions. Enabling platform-wide architectural improvements across hybrid and cloud environments.

Experience

- Jan 2019 – Present **Principal Engineer, Backend Platform, Bumble**, London, UK
- Managed architectural leadership across media infrastructure, member profile data storage, GDPR compliance, and data sovereignty initiatives.
 - Led the backend and infrastructure effort for ramping up two additional on-premises data centers and expanding into Google Cloud.
 - Drove improvements in observability, including standardization of metrics collection and alerting practices across services in the platform and beyond.
 - Facilitated incident triage and response, helping enhance system reliability and postmortem processes.
 - Mentored engineers across the Backend Platform (about 20 people) and other cross-functional teams, contributing to career growth and engineering quality.
- Jan 2017 – Dec 2018 **Staff Engineer, Backend Platform, Badoo**, Moscow, Russia
- Joined the Backend Platform team and assumed ownership of the user-generated media infrastructure.
 - Introduced observability for edge and storage services, enabling detailed latency and throughput analysis.
 - Migrated edge infrastructure from proprietary F5 LTM hardware to an internal solution based on IPVS and Nginx.
 - Managed a team of four, fostering collaboration and innovation within Backend Platform.
- Jan 2014 – Dec 2016 **Lead PHP Engineer, Apps Backend, Badoo**, Moscow, Russia
- Led the integration of advanced filtering and privacy models, improving user experience and safety.
 - Improved fairness and accuracy of geo-based voting and matching algorithms across global markets.
 - Developed a WiFi-based user acquisition platform used in partnership-driven marketing campaigns.
 - Established consistent performance tracking across the product backend, driving operational efficiency.
- Jul 2012 – Dec 2013 **Senior PHP Engineer, Apps Backend, Badoo**, Moscow, Russia
- Contributed to core features of the matching engine, helping boost user engagement and retention.
 - Played a key role in launching FriendPath and HotOrNot, expanding the platform's social and viral capabilities.
 - Improved friends network processing performance 10x by integrating the Judy array library.
- Apr 2012 – Jun 2012 **PHP Developer, Mail.ru Group**, Moscow, Russia
- Contributed to the successful migration of ICQ's codebase and infrastructure after the company's acquisition.
 - Collaborated closely with Site Reliability Engineers on infrastructure setup and deployment coordination.
 - Managed the planning and execution of data and codebase transfers within a tight one-month timeline.
- Feb 2011 – Mar 2012 **PHP Developer, Wikimapia**, Moscow, Russia
- Collaborated as one of three backend engineers at Wikimapia, a geographical encyclopedia startup.
 - Introduced a comprehensive monitoring for 18 production servers, improving system reliability.

Education

- Sep 2005 – Jan 2011 **Specialist, Laser Physics, M. V. Lomonosov Moscow State University**, Moscow, Russia
- Research on self-focusing of laser beams with a regular transverse structure and comparative analysis of pulses filamentation at wavelengths 0.8 and 10 microns in the air.

Languages

English Fluent
Russian Native