



Maksym Leonov

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Summary

Skilled Data Engineer and Senior Software Developer with 15+ years of experience building scalable applications and robust data pipelines. Strong expertise in Python, SQL, and PHP, with a solid background in cloud infrastructure (AWS, Snowflake), Infrastructure as Code (Terraform), and microservices architecture. Proven ability to optimize data flows for analytics and reporting, as well as to design high-performance backend systems. Passionate about creating efficient, cost-effective solutions and enabling data-driven decision-making. Proficient in leveraging modern development tools, including AI-assisted coding platforms, to boost productivity while maintaining best practices in software engineering. Excited about adopting emerging technologies to enhance development efficiency, ensuring smart, informed, and maintainable code rather than relying on “vibe coding.”

Experience

Python Developer / Data Engineer, glomex GmbH – Kyiv, Ukraine Apr 2020 – Present

- Design, build, and maintain robust data pipelines that deliver reliable and timely data for analytics and reporting.
- Develop and support scalable data ingestion and processing pipelines from multiple data sources into cloud-based data platforms.
- Refactor and improve existing solutions to enhance performance, maintainability, and system resilience.
- Optimize infrastructure and processing costs through efficient storage formats, query optimization, and smart scheduling strategies.
- Enable near real-time analytics to provide stakeholders with up-to-date insights for faster, data-driven decision-making.
- Ensure data accuracy, completeness, and availability across reports and dashboards to support business needs.
- Ultimately, ensure that data flows are efficient, reliable, and cost-effective across the organization.

Senior PHP Developer, glomex GmbH – Kyiv, Ukraine Mar 2016 – Apr 2020

- Built and maintained backend services for a large-scale video exchange platform based on a microservices architecture.
- Designed and implemented systems for secure video upload, processing, and distribution.
- Developed and optimized video transcoding workflows to ensure smooth playback across multiple devices and formats.
- Ensured fast and reliable global video delivery using cloud-based infrastructure and CDN integrations.
- Improved platform scalability, stability, and maintainability while collaborating closely with cross-functional teams to deliver new features and enhance user experience.

PHP Developer, 908 Inc – Dnipro, Ukraine Sep 2013 – Feb 2016

- Developed and maintained a high-traffic website providing users with access to a large catalog of ringtones.
- Built and supported backend functionality using modern PHP frameworks to ensure performance, stability, and scalability.
- Implemented features focused on improving user experience and site responsiveness.
- Worked on optimizing application performance and maintaining clean, maintainable codebases.

PHP Developer, Murka – Dnipro, Ukraine Nov 2012 – Sep 2013

- Developed and maintained backend services for a social network game and its companion mobile application.
- Implemented scalable features to support a growing user base and ensure smooth gameplay experience.
- Ensured system reliability, performance, and stability under increasing load.
- Collaborated with game designers and frontend developers to deliver new features and improvements.

Full Stack Developer, Gate Studio KR – Kryvyi Rih, Ukraine Mar 2011 – Jan 2013

- Designed, developed, and integrated web applications to meet client requirements.
- Built custom modules and plugins for CMS platforms to extend functionality and enhance user experience.
- Collaborated with design and frontend teams to deliver cohesive and maintainable solutions.
- Ensured code quality, performance, and scalability across multiple projects.

Fullstack Web Developer, TOV "Softproject" – Kryvyi Rih, Ukraine Jan 2011 – Nov 2012

- Designed and developed fullstack web applications, managing both server-side and client-side components.
- Created database schemas and implemented workflows to ensure smooth data interactions.
- Delivered complete, maintainable web solutions tailored to project requirements.
- Collaborated with cross-functional teams to enhance functionality and user experience.

Software Engineer, TOV "Avangard-SKA" – Kryvyi Rih, Ukraine Apr 2010 – Oct 2011

- Designed, developed, and maintained software solutions for government and private sector clients.
- Engineered high-load software and hardware systems, including designing communication channels with redundancy for reliability and performance.
- Integrated and supported complex systems to ensure stability and efficient operation.
- Collaborated with clients and internal teams to deliver tailored, dependable solutions.

Education

Kryvyi Rih State Pedagogical University, Master's in Secondary Education and Teaching Sep 2022 – Dec 2023

National University "Odesa Law Academy", Master's in Law Sep 2018 – Dec 2020

Kryvyi Rih Technical University, Master's degree in Computer Science 2010 – 2016

Technologies

Languages: PHP, Python, JavaScript, Delphi, SQL, HTML5

Frameworks & CMS: Laravel, Zend Framework, CodeIgniter, WordPress, Drupal, jQuery

Cloud & DevOps: AWS, Terraform, Linux, Git, Vagrant, OpenVZ, RabbitMQ

Data & Databases: MySQL, PostgreSQL, MongoDB, Snowflake, Redis, SQLite, Firebird, Tableau

Concepts & Others: REST APIs, OOP, TDD, Unit Testing, JSON, Google API, Data Engineering

Interests

Smart Home development and automation

Internet of Things (IoT) technologies

3D modeling and design