

Work Experience

Senior Software Engineer	Lyft Kyiv, Ukraine	Oct 2022 – Present
<ul style="list-style-type: none">Led the design and implementation of a set of client-facing features that led to a 16% increase in the conversion rate of in-app scheduled rides. Used Go, Python, and PostgreSQL.Successfully developed and shipped integrations for two external partnerships, resulting in \$40M in revenue (observed). Utilized strong project management, communication, and technical skills to navigate complex requirements and deliver high-quality solutions that met the needs of both internal and external stakeholders. Used Python, Go, PostgreSQL, Kafka, and Hive.		
Senior Software Engineer	Fiverr Kyiv, Ukraine	Nov 2021 – Aug 2022
<ul style="list-style-type: none">Designed and built a multi-language solution to increase non-English users' involvement which seen to an increase in a conversion rate (observable) by 7.5%. Used Kotlin, TypeScript, Kafka, NodeJS, MongoDB, Amazon S3.Led company-wide development of a new localization service that enabled easier application language and localization management at a multi-million user scale. Used Kotlin, Kafka, MongoDB, Ruby, and PostgreSQL.Developed and shipped a handful of in-house tools for internal content moderation which led to an increase in spam and abusive content detection efficiency by 35%. Used Kotlin, RabbitMQ, Elasticsearch, Ruby, RoR, and PostgreSQL.		
Content Creator	LeetCode Remote	Oct 2021 – Apr 2023
<ul style="list-style-type: none">Responsible for creating, moderating, and updating the problems' solution articles. Used C++, Python, and Java.		
Lead Software Engineer	Exabeam Kyiv, Ukraine	Apr 2020 – Oct 2021
<ul style="list-style-type: none">Led a team of 3 engineers to build a big-data ingestion pipeline with 99.99% availability, that was adopted by 90% of customers. Built using Python, Kafka, Elasticsearch, and MongoDB.Built and deployed a production-grade monitoring system across 100+ clusters, achieving availability of 99.9% in 2020, and adoption by 150+ customers. Used Go, Prometheus, Watchdog, and Datadog.Led the design and implementation of 15+ backend services across 30 engineers. Delivered 2nd most lines-of-code committed and code reviews out of 14 team members. Used Python, Go, and Scala.		
Senior Software Engineer	Exabeam Kyiv, Ukraine	Apr 2017 – Apr 2020
<ul style="list-style-type: none">Developed and shipped over 30 customer-facing features incorporated by 130+ customers worldwide, including 16 from the Fortune 500 list and 3 in the government sector. Built using Scala and JavaScript.Drove architecture improvements by adopting SOA architecture, utilizing CI/CD practices, which enabled multi-node scale leading to an increase in availability to 99.9% and a 100% performance boost. Used Python, Docker, and Ansible.Improved maintainability of core services by migrating the code base to Python 3, reducing total LOC from 120,000 to 90,000, and integrating code coverage tools into the CI pipeline used across 4 departments and 70+ developers.		
Middle Software Engineer	Praxent Kyiv, Ukraine	Jul 2016 – Apr 2017

- Built and rolled out an image processing pipeline, supporting 100-200 concurrent tasks, for an IoT project hosted on 100+ machines around the continent. Built using JavaScript, Node.js (Electron), and Angular.js.
- Scaled up an online ticketing platform by adopting microservice architecture, which increased availability to 99.5%, a latency decrease of 40%, and a 2x performance boost. Used C#, ASP.NET, React, and SQL Server.
- Improved the availability of the user-facing e-commerce web service from 95% to 99.9% by implementing and rolling out a read-through object cache layer. Built using Redis, PHP, and WordPress.

Full-Stack Software Engineer

Elance-oDesk

Jan 2014 – Mar 2016

Freelance

Kyiv, Ukraine

- Designed and built a B2C e-commerce experience offering a product catalog, user management, and checkout page which outgrew to an average of 310,000 monthly users in the first year. Built using PHP, WordPress, and MySQL.
- Developed and integrated user auth service offering RBAC security and rate-limiting policies which led to a decrease in system resource usage by 20% and a server latency drop by 35%. Built using C#, ASP.NET, and SQL Server.
- Developed a notification service to send e-commerce promotions which led to a 70% conversion rate increase. Built using PHP, MySQL, and Mailchimp.

Junior Software Engineer

Web Solution Agency

Sep 2013 – Dec 2013

Odesa, Ukraine

- Learned JavaScript and reduced open ticket backlog by 25% in 4 months.
- Implemented and delivered 4 custom jQuery plugins.

Junior Software Engineer

FutureWeb UA

Jun 2013 - Sep 2013

Odesa, Ukraine

- Learned HTML and CSS to help a team deliver next-generation user-facing products.

Education and Certifications

- **B.Eng. Cereal Processing Technologies**, National Academy of Food Technologies, Odesa, Ukraine. **2010–2014**

Technologies and Languages

- Languages: Python, Go, C++, JavaScript, C#, TypeScript, PHP.
- Technologies: Kafka, Elasticsearch, MongoDB, Redis, MySQL, Docker, Ansible, Node.js, Prometheus, Angular.
- Other: Distributed systems, Big data, OOP, TDD, Data structures, and algorithms.

Projects

- **Go Template Library** - is a set of extensions to the Go's standard library providing some of the most widely used data structures and algorithms written in Go 2. See the source [on GitHub](#).
- **Intouch** - is a programming SDK built around vk.com API exposing most of the social platform features including messaging, news feed fetching, communities, and media management. See the source [on GitHub](#).
- **Paper Ripple** lets you add a Material Design ripple effect to any UI elements on your web page. See the source [on GitHub](#).