

# Sergii Liskovskyi

35 years old, Full-Stack Web Developer

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## Objective

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Position of Full-Stack Web Developer in Software Engineering Department. Open to different opportunities.

## Summary

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- 12+ years of experience in Web Software Development, including development of complex web-applications from scratch as well as end user web-sites and web-services.
- Architecture-oriented approach to Software Development. Ability to see entire picture, not a separated pieces.
- Ability to work at the intersection of technologies, taking best from each technology.
- High level of responsibility. Willingness to develop my skills and move forward.
- Strong communication skills, oriented to solve client's problem in a best way. Good negotiator.

<b>Programming languages</b>	Python, JavaScript, PHP
<b>Markup</b>	HTML5, CSS3, Responsive markup
<b>Databases and Storages</b>	MySQL, CouchDB, MongoDB, RabbitMQ
<b>Frameworks</b>	Codelgniter, Flask, Django, Angular, NodeJS with SocketIO, jQuery
<b>Version control systems</b>	Git, SVN
<b>Other</b>	GraphQL API, REST API, WordPress, knowledge of 3 <sup>rd</sup> party API (eBay, Facebook, Braintree, Stripe etc.), Linux servers setup and maintenance

## Languages

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**Native:** Ukrainian, Russian

**Foreign:** English, Serbian/Croatian

## Education

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2003-2008 — **Kharkiv National University of Radio Electronics**  
Department of Applied Mathematics. Master's degree in Informatics.

## Activities and Interests

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- Passionate electric vehicles developer and user
- Radio-electronics, micro-controller programming
- Motorcycle traveling, Hiking, Camping

## Work experience

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2019 – 2021 **HADOM startup** - Lead Full Stack Web Developer

**HADOM** – a platform for social network based on exchanging drinks remotely.

Main idea of this platform is a social interaction that intended to strengthen the social connections of people who may not be around at the moment, but want to show their participation and friendly support by sending each other a drink.

- Developed GraphQL API using Flask framework to serve mobile and web app requests
- Developed Angular web app for Bars to serve users requests for drink delivery

- Developed few promotional applications and pages

2018 – 2019 **Pivot Industries Limited** - Lead Full Stack Web Developer

**Pivot360** – an asset readiness and troubleshooting platform bringing subject matter experts, asset history and lessons learned to maintenance technicians, inspectors and end users via mobile devices to ensure customer information, support and satisfaction.

- Developed scalable application architecture suitable for clients of any scale
- Developed GraphQL based API using Flask framework to serve mobile and web app requests
- Developed Angular-based web-app for managers allowing to manage and distribute work between experts and in-field technicians

2012 – 2018 **Mphoria LLC, PurpleSlate startup** - Lead Full Stack Web Developer

**ClearPoint Windshield** – a web application for management of work flow of windshield repair/replacement company in Colorado.

- Developed this application from scratch using AngularJS framework for front-end and CodeIgniter PHP framework for back-end
- NodeJS with SocketIO framework was used for organizing workers collaboration
- Optimized for mobile devices and poor network connectivity
- Developed complex reports system

**PurpleSlate** – a mobile app and back-end API suitable for simplifying the way people make plans to meet with their friends and family.

- Supported and developed Django-based REST API and corresponding services
- Several AngularJS-based apps with PHP middleware was created to work with platform API
- NodeJS with SocketIO framework was used for Chat functionality

**The Content Hub** – a web app for company, that works with small growing businesses and provides tools and services for representing new brand in the Internet, such as Blogs, Statistics and Copyrighting

**Sweet Relish** – web-portal to represent partner's brands products and articles. Also includes suggestion engine, created to help users to buy a gifts and small accessories.

**WordPress based websites** – number of WordPress based web-sites was developed.

**Technologies** CodeIgniter - PHP framework, Django - Python framework, AngularJS, NodeJS with SocketIO, RabbitMQ, CouchDB, Apache SOLR, Browser plugins, Facebook API, MySQL

2015-2017 **Midnight Custom Management Solutions** - Full Stack Web Developer

**InspiraWMS** - Warehouse management system with Orders management system and Customers relationship management elements AngularJS web-application with PHP back-end for Tetra - wood-cutting and furniture manufacturing company to manage entire work flow and store.

- Developed application from scratch using AngularJS framework for front-end and CodeIgniter PHP framework for back-end
- Got an experience of creating complex web applications for managing the work flow of a relatively large company
- Practical experience of implementing methods of interaction between web-applications and manufacturing equipment

**Technologies** PHP, AngularJS, CodeIgniter - PHP framework, MySQL

2010-2011 **Quadecco GmbH, Sellerfox Europe LTD** - Middle PHP Developer

**Foxrate.de** – SaaS based full-functional Rating System for German company eSegment.

**Sellerfox.de** – web-application for automatic publish of client's products catalogs on eBay with build-in analytics.

- Designed and implemented system data storage architecture

- Developed library that implements API for eBay publishing and collecting statistics
- Developed back-end interface to display statistics and manage catalog publications

**Technologies** PHP, jQuery, HTML Canvas, eBay API

2008-2010 **Kavoon Web Studio** - PHP Developer

**OurDiscoveryIsland.com** – the game to help children to learn English based on Adobe Flash.

- Designed and created entire back-end for this game
- Designed and developed REST API for this game to store game achievements and manage game users

**Allesvan.nl** – Yellow-pages like distributed franchise that was created to give Netherlands small business a way to advertise themselves over the country.

- Designed proprietorial framework that was developed for distributed systems
- Implemented distributed system based on designed framework

Also, while this period I was involved in developing of set of simple web-sites, landing pages, e-commerce solutions.

**Technologies** REST API, PHP, MySQL

## Pet projects

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2020-2021 **COVID-19 pandemic logger**

Based on my latest stack of web-technologies, powered by Raspberry PI, this small project was created to keep track of COVID-19 global pandemic situation. Each day it automatically collects and process information about current amount of COVID patients: active, recovered, percent of vaccinated citizens, “herd immunity” factor, etc, and prints this information with thermal printer. And it also prints weather forecast for the day. :)

**Technologies** Python, Flask, HID interaction on low level, RS232 protocol

2016 **School Bells Scheduler based on Raspberry Pi**

Web-based interface for school Principal to manage schedule of school bells. Project was implemented using Raspberry Pi that can run python scripts on WebPy framework as well as turn on solid state relay using GPIO pins directly from Python scripts.

**Technologies** Python, WebPy framework.

2014-2015 **Micro-controller based Motorcycle Turn Relay**

This project is a micro-controller device that implements additional functionality for turn lights for motorcycles. Device implements emergency signals manipulation using existing turn lights switch and some additional service functions. This project was commercially successful. Over 100 devices was sold.

**Technologies** C++, AVR GCC for Atmel Micro-controllers