

## Personal data

Name, surname: -

Mobile: -

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Desired job title: Full stack web developer (junior)

I aim to design complex systems. I like to have an overview of all aspects involved in process or systems. I enjoy discovering new things to reach my potential.

It would be great to have a solid understanding how to create complex web applications and a broad understanding of hardware aspects such as servers, networking, routers.

## Skills

Skill category	Skill category
[1] programming languages, APIs and so on [2] tools, libraries, OSs [3] PSD/Figma to HTML tools	[4] computing environments [5] CS theory [6] Web scraping

	Skill	Proficiency			Skill	Proficiency
[1]	JavaScript <small>ES5, ES6</small>	●●○○○○○			[3] emmet, hayaku Pug	●●●○○○
	PHP	●●○○○○○				●○○○○○
	Node.js	●○○○○○			[4] Mathematica Matlab	●●○○○○○
	C++98 <small>STL, Loki</small>	●●●●●○				●●○○○○○
	SQL:1999	●●●●○○			[5] Algorithms	●○○○○○
	Oracle PL/SQL	●●●○○○			Math <small>High school</small>	●●●●●○
	HTML/CSS	●●●○○○			Math <small>University</small>	●●○○○○○
	Excel VBA	●○○○○○			[6] Curl Visual web ripper Headless Chrome puppeteer Mojo::DOM	●●●○○○
[2]	WinAPI <small>GDI</small>	●●●○○○				●●○○○○○
	WinAPI <small>Multithreading, Interprocess communication, COM</small>	●●●○○○				●○○○○○
	Windows	●●●●●○				●○○○○○
	Linux	●●○○○○○				●○○○○○
	Git	●●○○○○○				●○○○○○
	regular expressions	●●●●○○				●○○○○○
	OpenGL	●○○○○○				●○○○○○
	jQuery	●○○○○○				
	webpack	●○○○○○				
	babel	●○○○○○				
	npm	●●●○○○				

## Projects, source code examples

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Programming language	Description	Year
C++ <small>Loki</small>	Generate reports using factory pattern	2003
C++ <small>WinAPI, GDI</small>	Draw a graph with selectable nodes that synchronize their state with a table. ( $V \leq 1000$ )	2005
C++ <small>WinAPI, COM</small>	Export data into MS Excel spreadsheet	2005
C++ <small>Math</small>	Find a least common multiple for unique pairs of numbers ( $n \leq 1000$ )	2012
C++ <small>Math</small>	Find the amount of common prime divisors for unique pairs of numbers either ( $200 \leq n \leq 700$ )	2013
Perl <small>Apache, CGI, JSON</small>	(*) Build a different interface to interact with Google Chrome bookmarks	2019
Perl <small>curl, regexes</small>	CSS properties reference (site grabber)	2019
Perl	Youtube anonymous playlist creator (It is a feature of (*))	2019
Perl <small>Apache, CGI</small>	It is an MVP model of CSS Lab. It is a custom designed tool to learn CSS and HTML efficiently	2019
JS <small>Algorithms</small>	expression-calculator ( <a href="#">js</a> , <a href="#">perl</a> ), finite-state-machine ( <a href="#">js</a> , <a href="#">perl</a> ), doubly-linked-list ( <a href="#">js</a> , <a href="#">cpp</a> ). Besides there are the <a href="#">problems</a> themselves.	2019 Oct.
JS <small>Node.JS</small>	Github authentication using OAuth ( <a href="#">src</a> , <a href="#">live demo</a> )	2019 Dec.
JS <small>Clean architecture</small>	An approach to develop a UI framework ( <a href="#">src</a> , <a href="#">live demo</a> ).	2019 Dec.
JS <small>UI</small>	A pretty simple clone of the <a href="#">Piskel</a> editor ( <a href="#">src</a> , <a href="#">live demo</a> )	2019 Nov.

## Employment history

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✓ I am able to find simple solutions to subtle problems! :-)

### Local steelmaker (2005-2008)

Job title: software developer

Project summary	Role	Year
Creating a management accounting system using balanced scorecards.	Using the suggested architecture I develop a code to calculate the indicators on the sever-side. This project was not delayed despite a senior developer being on annual leave.  Also I created an application which allows the indicators to be calculated with given rules. And I designed an application to color the indicators in the MS Visio.	2006

## **Self-employment** (2010-2016)

Job title: private math tutor

I noticed from experience, it seems that I can clearly explain any topic I am proficient using my own words and methodologies (mathematics, CS, Git,...)

## **Local Internet provider** (2017, job applicance)

Job title: salesman

I came up with a different way of selling Internet-services, i.e. I designed my own marketing campaign (pretty local)

## **Coursera** (2018-2019, student)

I developed a novel method for coursera to deliver an online learning. (for my use only :-))

## **Government-founded public service** (2017-2018)

Job title: system administrator

- I identified that exsessive amount of routers being used and then resolved this issue by reducing the number of routers by 50%. ( $4 \Rightarrow 2$ );
- I have found a way to extend the lifespan of laser printer cartridges up to 35%;
- I came up with an idea to provide more efficient customer service. This solution had not been proposed by anyone previously.

## **Education**

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1999-2004, Lipetsk State Technical University (Degree in applied mathematics)

2005-2008, Part-time unversity (ВЗФЭИ), (Accountant)

## **Licenses & certifications**

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Course	Platform	Progress	Year
<a href="#">Machine Learning</a>	<a href="#">Coursera</a>	75%	2019
<a href="#">Introduction to Perl</a>	<a href="#">Stepik</a>	60%	2019
<a href="#">Algorithms, Part I</a>	<a href="#">Coursera</a>	0%	-
<a href="#">Multithreaded programming in C++</a>	<a href="#">Stepik</a>	0%	-

## **English, German**

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I practice English nearly 2 years with a native speaker. It seems that I discovered a new method for acquiring any language that is more effective that formal tuition.

Ich habe Deutsch in der Schule gelernt. Ich kann nur auf Deutsch lesen.