

Maxym Kot

Senior Fullstack Software Engineer

Name	Maxym Kot
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Civil Status	Married
Children	Yes
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My name is Maxym and I am a software engineer from the Zurich area, Switzerland. Writing clean, maintainable and testable code is my passion, delivering business value - utmost priority. Over the many years I've gathered knowledge in many areas of software development.

I love building reusable libraries and have a growing collection of TypeScript stuff at GitHub: <https://github.com/bytesoftio>. I prefer to work on Mac and have been doing so for the past 10 years. Back in the day when I was really in love with PHP, I wrote around 60 open source libraries that you can still find on GitHub: <https://github.com/weew>. I have some, nowadays basic, DevOps experience and can setup a server from scratch and other similar tasks related to development, however, I am not a DevOps guy. I love learning and sharing knowledge with others and have helped many of my colleagues to level up their skills, over the years.

I might be the right fit for your next project if you need someone who:

- Is able to think things through
- Is able to work highly independently as well as in a big team
- Is a fast and eager learner
- Is a nice and easy going person
- Is great in dealing with clients / project managers / stakeholders
- Has great written and verbal communication skills
- Knows how to design and write high quality software
- Knows how to write testable code and loves to do so

Or you might be looking for someone with these technical skills:

• Object oriented programming	8y
• Functional programming	4y
• Test driven development	6y
• Git, Jira and the likes	
• Agile, SCRUM	
• TypeScript	3y
• JavaScript (es6 - es10)	8y
• PHP	6y
• Bash	5y
• Java / Kotlin	1y
• C#	1y
• HTML5	8y
• CSS3, Less, Sass, Stylus	8y
• SQL	6y
• JSON	8y
• Node.js	5y
• React	3y
• React Tools (Hooks, MobX, Redux, EasyPeasy, Jest, Cypress, Enzyme, Storybook)	3y
• JavaScript Tools (Parcel, Webpack, FuseBox, Gulp)	6y
• React Native	1y
• Vue.js	2y
• AngularJS	4y
• Laravel	3y
• Symfony	3y
• PHP Tools (PHPSpec, PHPUnit, Behat, Composer)	5y
• Express, Koa	4y
• MongoDB	4y
• RabbitMQ	1y
• Redis	1y
• Vagrant	3y
• Docker and Docker Swarm	1y

Besides being a developer, I have a small nearshoring agency in Ukraine that works very closely with some customers in Switzerland. Therefore I have great experience in conducting interviews and finding really talented people for the team and onboarding them onto projects.

Further below you'll find a more granular list of my work experience.

Panter

2019 - 2020

Bruker BioSpin

Project	Autodiagnose UI
Role	Senior Software Engineer
Employment	Contract; Remote / On-Site;
Responsibilities	Software Development; Project planning; Coordination with the client; Coordination of backend developers at Bruker;
Description	Centralized admin interface used to track and manage all spectrometers throughout multiple countries, including some basic and advanced admin panel features. Made up of around 25 views.
Technologies	TypeScript ; React ; React Hooks ; React Router; Stylus; Parcel; Jest ; Enzyme; Cypress; REST; AWS ; Functional Programming; Object Oriented Programming; Test Driven Development;

OnRunning

Project	Battle of Clouds
Role	Senior Software Engineer
Employment	Contract; Remote;
Responsibilities	Software Development; Coordination with the client; Configuration of Contentful;
Description	Shoe spotlight widget with information about key shoe metrics, for example: which athlete prefers what kind of shoe, how many medals did an athlete get with the specific shoe model, etc. Data is delivered through Contentful.
Technologies	JavaScript ; Vue ; Sass; Storybook ; Contentful; REST; Functional Programming;

Helsana

Project	Insurance Guide
Role	Senior Software Engineer
Employment	Contract; Remote;
Responsibilities	Software Development; Coordination with DevOps at Helsana;
Description	Find an optimal insurance package by providing details about your family, children, budget, etc. Used by insurance agents to generate leads on new clients.
Technologies	TypeScript ; Angular ; Sass; Node ; Azure ; REST; Functional Programming; Object Oriented Programming;

Kelly Services

2019

Google

Project	Internal (NDA)
Role	Senior Software Engineer
Employment	Contract; On-Site;
Responsibilities	Software Development; Code Reviews; Assisting teammates on best practices; Planning an upgrade path for existing modules;
Description	Working on a highly used service in the online shopping / advertisement area, connecting / consuming over 300 other services. Developing and rewriting over 200 new and existing views on the latest version of Polymer.
Technologies	TypeScript ; Polymer ; Object Oriented Programming; Test Driven Development;

Personal Projects

2017 - 2018

BlackSwan

Description	Developing an automated options trading system for the German Eurex using InteractiveBrokers FIX API. It was a very tricky and demanding project and I learned a lot about this kind of applications.
Technologies	Kotlin ; Java; React ; TypeScript ; MobX; Stylus; Node ; Parcel; Gradle; Maven; Object Oriented Programming; Test Driven Development;

Arbitrader

Description	Crypto arbitraging algorithm trying to leverage inefficiencies across various exchanges and market places. I abstracted away multiple exchanges into a single SDK to be able to treat them homogeneously.
Technologies	TypeScript ; React ; MobX; Node ; Sass; REST; Object Oriented Programming; Functional Programming; Test Driven Development;

RaiseNow

2015 - 2019

Escrow

Role	Senior Software Engineer
Employment	Fulltime;
Responsibilities	Software Development; Software Design; Coordination with PostFinance;
Description	Designing and developing a highly resilient and self healing service for various banking purposes. Processing (collecting and sending) millions of Swiss francs yearly. Highly tested (lots of automatic tests and integration scenarios) and comes with a set of self healing features to ensure durability and performance. We were the first ones in Switzerland to integrate PostFinance's new payment API.
Technologies	PHP; PHPSpec; Behat; Bash; MySQL; REST; FDS; Vagrant; Cron Jobs; Object Oriented Programming; Micro Services;

Payment APIs

Role	Senior Software Engineer
Employment	Fulltime;
Responsibilities	Software Development; Software Design;
Description	Integration of many different payment APIs into a single unified payment gateway. Management of transactions, chargebacks, reports, etc. Millions of Swiss francs and other currencies are being processed yearly. Presenting data to clients through a highly sophisticated admin interface with advanced search functionality, complex permissions model, etc.
Technologies	PHP; Symfony; Vagrant; Docker; MySQL; RabbitMQ; ElasticSearch; Cron Jobs; REST; Object Oriented Programming; Test Driven Development; Domain Driven Design; Micro Services;

Payment Widgets

Role	Senior Software Engineer
Employment	Fulltime;
Responsibilities	Software Development; Software Design; Team Lead;
Description	Very complex and highly customizable payment widgets that can easily be integrated into other projects / websites. Development of SDKs in order for clients to be able to roll their own widgets and integrations. Leading a frontend team in the process. One of the widgets even comes with a config compiler to power some of the very flexible configuration options.
Technologies	React; Vue; JavaScript; TypeScript; MobX; Sass; Less; CSS; Node; Bash; AWS; MySQL; REST; Object Oriented Programming; Functional Programming; Test Driven Development;

Corporate Giving

Role	Software Engineer
Employment	Fulltime;
Responsibilities	Software Development; Software Design;
Description	Developing a platform for businesses to be able to start their own fundraising campaigns. Integrated into the unified payment gateway.
Technologies	Angular; JavaScript; Sass; Node; Bash; MySQL; REST; Vagrant; Object Oriented Programming;

iBrows

2013 - 2015

Spital Basel

Project	Meds App
Role	Software Engineer
Employment	Intern
Responsibilities	Software Development; Project management;
Description	Mobile application used on tables by hospitals and pharmacies to easily find all the relevant information about various pharmaceutical products.
Technologies	C# ; Xamarin; REST; Object Oriented Programming;

StaffFinder

Project	StaffFinder
Role	Software Engineer
Employment	Intern
Responsibilities	Software Development
Description	Mobile application used by individuals to find / promote various jobs / contracts.
Technologies	JavaScript ; Titanium Appcelerator; REST; Object Oriented Programming;

Schindler

Project	LiftFinder
Role	Software Engineer
Employment	Intern
Responsibilities	Software Development
Description	Web-Application used by clients to find the right kind of elevator for their facility.
Technologies	JavaScript; Angular; Titanium Appcelerator; REST; Object Oriented Programming;

Helsana

Project	Personal Trainer
Role	Software Engineer
Employment	Intern
Responsibilities	Software Development
Description	A browser based mini game used to coach managers to tackle some of the tricky, hectic and demanding situations with staff and clients.
Technologies	JavaScript; Angular; PHP; Symfony; Object Oriented Programming;