Maxym Kot

Technical Team Lead / Senior Fullstack Software Engineer

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Languages   German, Swiss German, English, Russian
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Summary

Passionate software developer from Zurich with 10+ years experience in web development.

Key Skills

- TypeScript / JavaScript, React, React Native, Node.js
- Excellent software design and problem solving skills
- Strong presentation and communication skills
- Attention to details and high quality standards
- Highly proactive, responsible, stress resistant and focused
- Affinity for knowledge transfer
- Strong leadership and mentoring skills
- Experienced in conducting interviews with tech candidates

Open Source

- ~40 TypeScript & React libraries: https://github.com/corets
- ~60 PHP libraries: https://github.com/weew

Technical skills

Object oriented programming	9y
Functional programming	5y
Test driven development	7y
Git, Jira and the likes	
Agile, SCRUM	
TypeScript	6y
JavaScript (es6 - es10)	10y
PHP	6y
Bash	7y
Java / Kotlin	2y
C#	1y
HTML5	10y
CSS3, Less, Sass, Stylus	10y
SQL	8y
JSON	10y
Node.js	9y
React	8y
Framer Motion	3y
React Tools (Hooks, MobX, Redux, Styled Components, Jest, Cypress, Enzyme, Storybook)	7y
JavaScript Tools (Parcel, Webpack, FuseBox, Gulp)	7y
React Native	1y
Next.js (SSR, Isomorphic Javascript)	2y
Vue.js	2y
AngularJS	4y
Laravel	4y
Symfony	4y
PHP Tools (PHPSpec, PHPUnit, Behat, Composer)	5y
Express, Koa	7y
MongoDB	4y
RabbitMQ	2y
Redis	2y
Vagrant	3y
Docker and Docker Swarm	4y

Open Web Technology   2020 - present

Role	**Technical Team Lead**
Employment	Full-time;
Description	Working on various projects with different team sizes and technology setups.
Responsibilities	Project planning and coordination; Coordination of developers; Software Development; Software Design;

Straumann

Project	OnePortal
Role	**Technical Team Lead**
Employment	Full-time;
Responsibilities	Software Design and Development; Project planning; Code Reviews; Quality Assurance; Communication with the client;
Description	Central hub for various medical applications. Challenging graphical components with thousands of assets and very complex interaction flows. Various integrations with third party systems. Highly optimized for scalability and extensibility. **Leading a team of six frontend developers**, with a total team size of over twenty people.
Technologies	**TypeScript**; **React**; React **Hooks**; React Router; Material UI; Styled-Components; **Jest**; REST; **Azure**; Functional Programming; Object Oriented Programming; Test Driven Development;

Cargo Sous Terrain

Project	NDA
Role	**Technical Team Lead**
Employment	Full-time;
Responsibilities	Software Design and Development; Project planning; Code Reviews; Quality Assurance; Communication with the client;
Description	Next generation platform for warehouses.
Technologies	**TypeScript**; **React**; React **Hooks**; React Router; Material UI; Styled-Components; **Jest**; REST; **Azure**; Functional Programming; Object Oriented Programming; Test Driven Development;

Personal Projects   2017 - 2022

Whisper

Description	An end to end encrypted messenger focusing on robust encryption and zero trust concepts. Built for iOS and Android using React Native and Libsodium for encryption.
Technologies	**React Native**; TypeScript; Node; Expo;

BlackSwan

Description	Automated options trading system for the German Eurex using InteractiveBrokers FIX API. DAX index feed data is consumed in real time and used to calculate current portfolio position and to automate necessary actions like call / put / short / long.
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. An algorithm is monitoring exchange prices and calculates two and three leg flips for profit.
Technologies	**TypeScript**; **React**; MobX; **Node**; Sass; REST; Object Oriented Programming; Functional Programming; Test Driven Development;

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 consumed from 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;

Google (via Kelly)   2019

NDA

Role	**Senior Software Engineer**
Employment	Contract; On-Site;
Responsibilities	Software Development; Code Reviews; Coaching teammates on best practices; Planning an upgrade path for existing modules;
Description	Working on a highly popular 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;

RaiseNow

2015 - 2019

Escrow

Role	**Senior Software Engineer**
Employment	Full-time;
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. First ones in Switzerland to integrate the new PostFinance's 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	Full-time;
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	Full-time;
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.
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	Full-time;
Responsibilities	Software Development; Software Design;
Description	Developing a fundraising platform for businesses where they can start their own campaigns. Integrates 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 tablets by hospitals and pharmacies.
Technologies	**C#**; Xamarin; REST; Object Oriented Programming;

StaffFinder

Project	StaffFinder
Role	**Software Engineer**
Employment	Intern
Responsibilities	Software Development
Description	Mobile application used by individuals and companies to promote short term job contracts as well as finding matching job offers.
Technologies	**JavaScript**; Titanium Appcelerator; REST; Object Oriented Programming;

Schindler

Project	LiftFinder
Role	**Software Engineer**
Employment	Intern
Responsibilities	Software Development
Description	Application used by clients to discover available elevator setups based on certain criteria and finding the appropriate product for their building.
Technologies	**JavaScript**; **Angular**; 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 on how to tackle various tricky, hectic and demanding situations with coworkers and customers.
Technologies	**JavaScript**; **Angular**; **PHP**; **Symfony**; Object Oriented Programming;

Professional Education   2011 - 2015

GIBB

Vocational education (EFZ) as a software engineer at GIBB (Bern, Switzerland).