

# Martin Žilák

## contact

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## languages

english *fluent*  
slovak *native*

## skills

Java ★★★★★  
Kotlin ★★★★★  
JavaScript ★★★★★  
TypeScript ★★★★★  
React ★★★★★  
Vue.js ★★★★★  
AngularJS ★☆☆  
SQL ★★★★★  
Python ★☆☆

## hobbies

cooking  
reading  
bodybuilding

## experience

2021-now <i>since March</i>	<b>Full-stack Software Engineer</b> Designing and developing full-stack health insurance software product in Java & React.	Itera
2020-2021 <i>14 months</i>	<b>Front-end Software Engineer</b> Designing and developing front-end software product in React.	ARTIN
2019-2020 <i>6 months</i>	<b>Project &amp; Team Technical Leader</b> Analysing end user requests, designing tasks, developing features, reviewing code, deploying new versions of product. <i>(leading a team of 7)</i>	ARTIN
2018-2019 <i>14 months</i>	<b>Full-stack Software Engineer</b> Designing and developing internal business requirements management software in Java, Kotlin, AngularJS and Vue.js.	ARTIN
2017-2018 <i>8 months</i>	<b>Software Developer</b> Building a metadata editor for digital libraries in Java & Angular 4.	Institute of Computer Science MU
2015-2016 <i>10 months</i>	<b>QA Engineer</b> Writing functionality and unit tests in Java & Selenium.	Red Hat

## education

2017-2020	<b>Master's Degree</b> Computer Science	Faculty of Informatics, Masaryk University in Brno
2014-2017	<b>Bachelor's Degree</b> Computer Science	Faculty of Informatics, Masaryk University in Brno

## projects

2021	<b>Hivesweeper</b> Mobile game expanding the idea of classic mine sweeping into a hexagonal grid, with a bee theme. Built in React Native, deployed to Apple App Store.	Website, App Store
2020	<b>Music Festival Management</b> Applications for administration and visualization of content for any music festival made as a part of Master's thesis. Built in Strapi and Vue.js, deployed to Heroku.	GitHub (server), GitHub (client)
2018	<b>Instagram Photo Recommender</b> An application to recommend photos from your photo library that would fit in an Instagram profile based on multiple criteria. Built in Python and deployed to Heroku. <i>(team of 4)</i>	GitHub
2017	<b>d3Heatmap</b> A widget for viewing network traffic using a heat map graph. Made as a part of Bachelor's thesis, later added to a suite of network monitoring tools, Stream4Flow. Built in JavaScript, HTML and CSS.	GitHub