



Marko Pacak

BA of Science in Computer Science and Engineering

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location	Berlin, Germany
birth date	01.06.1991
citizenship	swiss / croatian

italian	○	○	○	○	○
english	○	○	○	○	
german	○	○	○		
croatian	○	○	○	○	○

years	1	2	3	4	5
	○	○	○	○	○

java	○	○	○	○	○
python	○	○	○	○	
kotlin	○				
javascript	○	○	○	○	
c++14	○	○			
django	○	○	○		
spring	○				
docker	○	○	○		
android	○	○			
aws	○	○			

Freelance Software Engineer since 03.2018

Bryter GmbH

java kotlin aws openfaas gitlab-ci docker gradle

- development of openfaas-based integrations for their no-code decision-making automation platform
- API interfaces connecting to (naming a few) DocuSign, iManage

Auxolar GmbH

python c++14 raspbian make docker django embedded

- algorithms for automated energy-generation decision-making
- API interfacing inverters, meters and other gateways
- embedded C++
- Django dashboard display energy generation from solar and consumption

Digital Career Institute gGmbH

javascript node react

- programming teacher

NextBigThing AG

python docker django drf flask iot gitlab-ci

- API for energy dashboard
- API interfacing inverters, meters and other hardware
- energy generation and consumption algorithms

Assetmax AG

java python aws spring oauth docker

- API development interfacing common financial data providers
- Integration of authentication protocols in banking systems

Assetmax AG 06.2017 - 06.2018 Lugano / Zurich

java python angular aws spring oauth android docker

- micro-services in Spring and internal banking framework
- API development: financial computations, asset management, stock trading, ...
- penetration testing and system hardening: worked along one of the largest IT-Sec companies in Europe
- financial data APIs integration: Bloomberg, SIX, ...
- integration of authentication protocols within multiple banking systems: OAuth, Kerberos, SPNEGO, ...
- management of external front-end teams in development of new user interface
- development of app prototype in Android
- Internal tools development in Python / Bash. E.g. automated LetsEncrypt SSL certificate deployment within distributed banking systems

Hoxell CLHS Sagl 03.2017 - 06.2017 Lugano

python java angular aws android spring javascript

- back-end for hotel management app

IQCenter SA / Cloudbead SA 07.2016 - 03.2017 Lugano

java angular aws android spring c++14 ffmpeg gstreamer

- development of file-hosting service built on top of AWS
- development of back-end software for media processing

BSI Bank SA (EFG Bank) 01.2013 - 09.2013 Lugano

plsql linux sql-server