

Marko Pacak
Senior Java / Python
Computer Engineer

AWS Certified Developer

03.2018

12.2021

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citizenship swiss / croatian

## Languages

italian	0	0	0	0	0
english	0	0	0	0	
german	0	0	0		
bosnian / croatian	0	0	0	0	0

python typescript docker node gitlab-ci aws

REST API design (Typescript, AWS API Gateway, Lambda, ECR, ECS)

09.2021 A Next Big Thing AG Berlin (DE)

python docker django flask iot gitlab-ci pandas aws

- REST API design (Python, AWS API Gateway, Lambda, EC2, AutoScaling)
- Transformations/analysis on sensor data (Pandas, IoT Core, Kinesis Streams, Lambda, S3)
- Pipeline Management (GitLab CI, AWS CodePipeline / CodeBuild / CodeDeploy)
- End-to-End solution design: back-ends for IoT/Data services (AWS API Gateway, ECS, Lambda, ELB, SQS, SNS, S3, RDS, DynamoDB)
- Decision making on technologies to use. Mentoring on AWS services

Freelance Software Engineer Berlin (DE), 03.2018 – 12.2021

Bryter GmbH since 06.2020

jvm kotlin aws openfaas gitlab-ci docker gradle

Development of the bryter platform/framework

NextBigThing AG since 01.2020

 Integration of 3<sup>rd</sup> party APIs: DocuSign, iManage, British commerce register...

python docker django flask iot gitlab-ci pandas aws
 API design: algorithms/calculations of energy consumption and

- API design: algorithms/calculations of energy consumption and generation (AWS Lambda/EC2)
- Development of framework for data scientist (Pandas, Numpy, EC2, Lambda)
- End-to-End solution design: back-end services for the IoT industry (Python, Pandas, AWS Cognito, Lambda, EC2, SQS, RDS)
- Development of embedded sensor-reading functions (Python, METR MGate)

Digital Career Institute GmbH 09.2020 - 02.2021

javascript typescript node react

programming teacher and 1-to-1 tutor

Auxolar GmbH 03.2018 - 01.2020

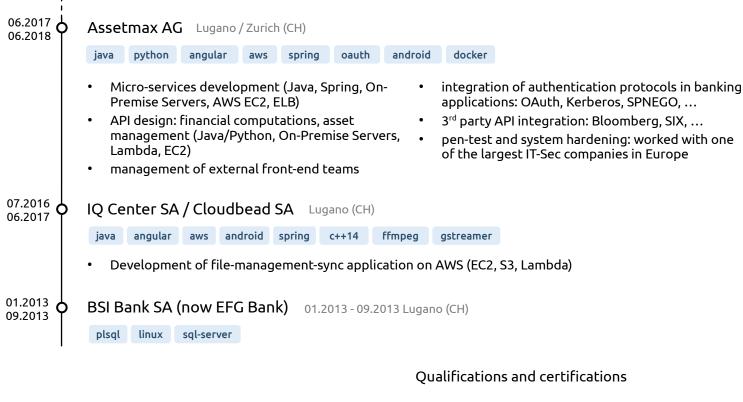
python c++14 raspbian make docker django embedded

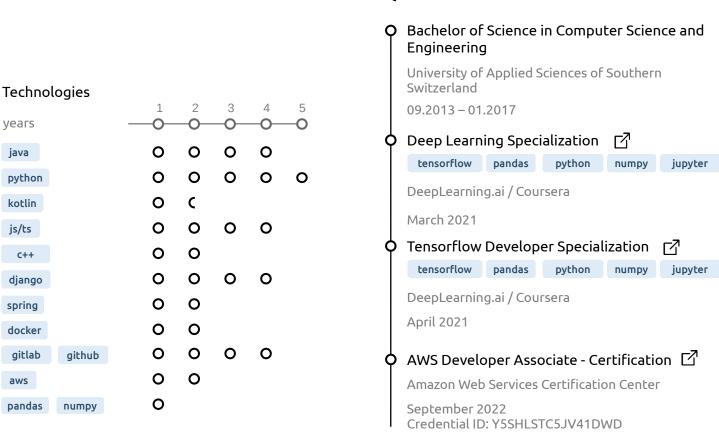
- Development of algorithms for remote devices: management/monitoring of heating, smart-submetering, ...
- Development of embedded C++/python components deployed on remote boards (e.g: raspberry or METR M-Gate)

Assetmax AG 06.2018 - 06.2019

java python aws spring oauth docker

- Integration/installation of Assetmax software in banking systems
- Development of the Assetmax software (Java, Python, AWS)





## Community contributions

