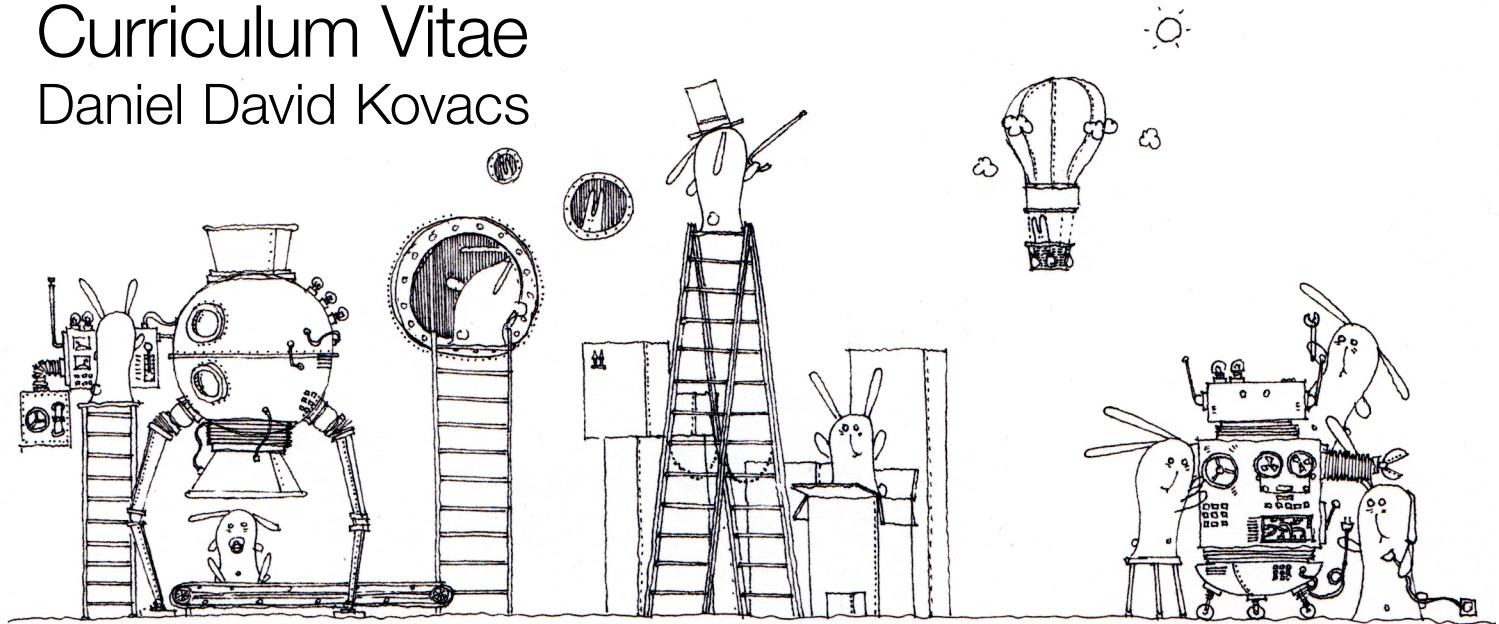


Curriculum Vitae

Daniel David Kovacs



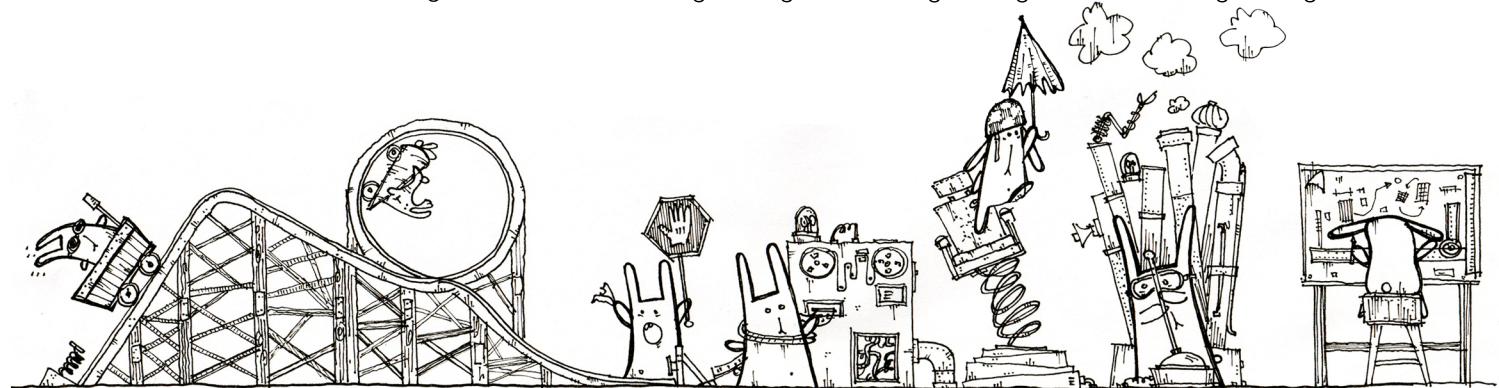
Born in 1981

–1999
ELTE Radnói
Miklós High School

–2007
MSc in Architecture
and Engineering

2003–04
MS in Solar Energy
Engineering

2009–13
BSc in Software
Engineering



Career growth at EPAM

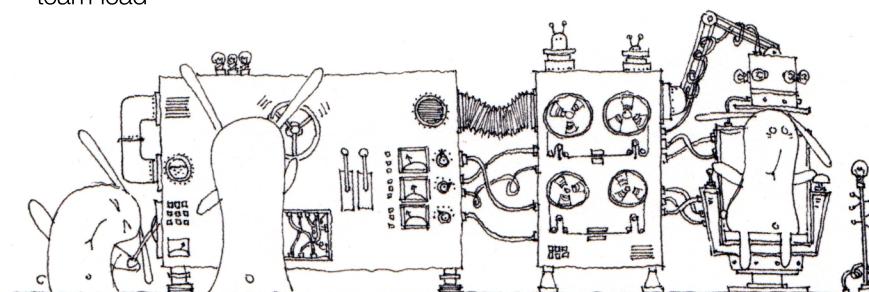
2014–19
project in hospitality
junior to development
team lead

2019–20
project in travel
lead data engineer

2020
project in life sciences
lead data engineer

2021
project in life sciences
lead data engineer

2021–
industrial ML project
solution architect



Trainings & Certificates

2016 Coursera Machine Learning
2020 AWS Solutions Architect Associate
DYSZF7GJ1NEEQ1GV
2021 EPAM Solution Architecture School

Languages and tools

Python (–'22*)
Java (–'21*)
Scala (–'20*)
Maven (–'21*)
Poetry (–'22*)

Architectures and frameworks

Microservices (–'22*)
Cloud – AWS (–'21*)
Spring (–'20*)
core, boot, data,
integration,
cloud stream
Scala Play (–'20*)

Big Data

Hadoop (–'21*)
Hdfs (–'21*)
Oozie (–'21*)
Spark (–'19*)
Airflow (–'20*)

Databases

PostgreSQL (–'22*)
NoSQL
Cassandra (–'19*)
Zookeeper (–'21)
Redis (–'21)

Messaging

Kafka (–'20*)
RabbitMQ (–'22*)
ZeroMQ (–'22*)
Mosquitto (–'21*)

* actively used

Curriculum Vitae

Daniel David Kovacs

Born 7th April, 1981

Contact +36(30)2695420

daniel.david.kovacs@gmail.com

Language Hungarian - mother tongue

English - fluent written / spoken

Studies

-1999 ELTE Radnóti Miklós High School

-2007 Budapest University of Technology
MSc in Architecture and Engineering

2003–04 Högskolan Dalarna

MS in Solar Energy Engineering

2009–13 Budapest University of Technology
BSc in Software Engineering

Experience

2013–14 Junior Software Engineer at EPAM

2014–15 Software Engineer at EPAM

2015–17 Senior Software Engineer at EPAM

2018– Lead Software Engineer at EPAM

Project History

2014–19 Project in hospitality. As *Development Team Lead* responsible for backend services to mobile application, designed RESTful APIs. Took active role in moving from monolith to microservices architecture. Introduced messaging based architecture for integration with analytics system. Took part in migrating services to AWS cloud.

2019–20 Project in travel. As *Lead Data Engineer* responsible for maintaining data pipelines from Kafka to AWS S3 via Kafka Connect. Took part in the development of metadata service for maintaining pipeline lineage.

2020 Project in life sciences. As *Lead Data Engineer* took part in the development of a data platform providing discoverability and lineage. Responsible for Airflow DAGs for ingestion, as well as designing domain specific language in order to enable rapid development of future ingestion pipelines.

2020–21 Project in health and life sciences. As *Lead Data Engineer* responsible for migrating Hadoop jobs from Cloudera CDH to AWS EMR.

2021– Project in industrial computer vision / machine learning. As *Solution Architect* responsible for designing architecture to requirements, creating Software Architecture Documentation. Took active part in shaping agile development process, and have lead development team. Responsible for clarifying requirements with client, identifying requirements, providing task breakdown to enable agile development.

Trainings and Certificates

2016 Coursera, Machine Learning

2020 AWS Solutions Architect Associate
DYSZF7GJ1NEEQ1GV

2021 EPAM Solution Architecture School

Programming Languages & Tools

Fluent in Python ('22)*, Java ('21)*, Scala ('20)*, Maven, Poetry

* year last used

Architectures & Frameworks

Microservices, AWS , Spring (Core, Boot, Data, Integration, Cloud Stream), Scala Play,

Big Data

Hadoop, HDFS, Oozie, Spark, Airflow

Databases

PostgreSQL, NoSQL, Cassandra, Zookeeper

Messaging

Kafka, RabbitMQ, ZeroMQ, Mosquitto