

Martin Hablák

Curriculum Vitae

Jána Stanislava 47

Bratislava 84105

Slovakia

* 22 September 1981

☎ +421 (905) 121 126

✉ martin.hablak@gmail.com

🐙 xmatoha

Education

2005–2007 **Msc**, *Slovak Technical University, Bratislava, Faculty of Electrical Engineering and Informatics*

2000–2005 **Bsc**, *Slovak Technical University, Bratislava, Faculty of Informatics and Information Technology*

Experience

2020–present **Cloud Pak For Data Platform Architect**, *IBM, Bratislava*

Building Cloud Pak For Data Platform for internal IBM users.

- Developed boarding process
- Listening to user needs and adjusting platform offering based on that
- Keeping it up to date, performant, available

2020–present **MLOps Engineer**, *IBM, Bratislava*

Supporting Data scientist with various software related tasks.

- Services to integrate with Cloud Pak For Data
- Carrot library helping Data scientists and Data engineers bootstrapping their projects

2018–2020 **Software Engineer**, *IBM, Bratislava*

Was helping teams to adopt Extreme programming practices. Developing devops platform for our internal software teams.

- Delivered DevOps platform on Jenkins
- Led Extreme programming trainings

2014–2018 **Lead Software Engineer, IBM, Bratislava**

Was responsible for development of IBM internal employee directory service.

Solution served whole IBM population and also applications which required employee information/picture. Solution consisted of multiple microservices written in Java (Websphere Liberty Profile, Vertx). It had advanced “google like” search capabilities. Solution integrated with various internal systems using batch processing, realtime processing.

- Delivered modern IBM directory service
- Achieved good availability and performance to withstand load from employees and mainly applications which were dependent on directory service.

2012–2014 **Software Developer, IBM, Bratislava**

DataStage/Java Developer in Finance. Data preparation for machine learning algorithms predicting IBM outer close revenue.

- Develop DataStage extension to integrate with IBM TM1 OLAP Cube
- Develop DataStage jobs to prepare data for machine learning algorithms

2010–2012 **Software Developer, SwissRe, Bratislava**

Java Developer in Finance, working on new system for Finance Reporting. Software was build on Websphere application server running of IBM System Z.






- Rewriting Cobol modules to Java
- Was part of developing modern data processing platform





2007–2010 **Software Developer, IBM, Bratislava**














ETL developer Java Lotus Notes

- Develop ETL library to transfer data from Lotus Notes to DB2
- Manage system of nightly data loads of Sales Opportunities

Skills

	basic knowledge		extensive project experience
	intermediate knowledge with some project experience		deepened expert knowledge
			expert / specialist

	Level	Skill	Years	Comment
Language:		Python	3	<i>Implemented MLOps Tooling Using Python, Rest services using FastAPI</i>
Language:		Golang	1	<i>Implemented Kubernetes automation using Golang</i>
Language:		NodeJs	4	<i>Implemented multiple NodeJs services in ExpressJs and Fastify</i>
Language:		Clojure	1	<i>Used Clojure for Extreme Programming Training</i>

Language:		Java	7	<i>Used Java/Spring/Vert.X implementing REST services for various projects</i>
Platform:		Kubernetes/Docker	3	<i>Configured maintained and supported Openshift Clusters with Cloud Pak For Data platform</i>
MLOPS:		DVC	1	<i>Implemented solution integrating DVC with Watson Machine learning service</i>
MLOPS:		MLFlow	3	<i>Experimenting with MLFlow for experiment tracking and model registry for our Data-Scientists</i>
MLOPS:		Kubeflow	1	<i>Supported Kubeflow instance for Data-Scientists</i>
MLOPS:		Cloud Pak For Data	3	<i>Configured, maintained Openshift Clusters with Cloud Pak For Data platform</i>
Database:		Couchdb	4	<i>Created directory service service using CouchDb as main datastore</i>
Database:		Cassandra	1	<i>Created IBM internal news page using Cassandra</i>
Database:		Redis	2	<i>Used Redis as cache for directory service</i>
Database:		Solr/Elastic Search	4	<i>Used Solr as search engine for directory service</i>
Database:		Postgresql/Db2 - Relational Databases	10	<i>Used relational database on various project as main datastore</i>
Programming Technique:		Extreme Programming	3	<i>Worked as Extreme Programming coach. Practicing Test Drive Development, Behaviour Drive Development, DevSecOps techniques</i>
Soft skill:		Coaching	1	<i>Attended business coaching education. Practicing coaching technique at work.</i>

Interests

Outdoor Cykling, Ski mountaineering, Climbing, ...
sports

Reading lately SciFi

Microbit Exploring microbit with my kids