Mark Litwintschik

British / Canadian Dual-Citizen
Perm. Residence in Estonia (EU & Schengen Member State)
mark@marksblogg.com

Education

University of California, San Diego
April 2016
Hadoop Platform & App Framework Certificate

University of Amsterdam
May 2016
Basic Statistics Certificate

Johns Hopkins University
May 2016
R Programming Certificate

Udacity
August 2016
Deep Learning with Google's TensorFlow

University College London
March 2008
Estonian Language Certificate

Technical Skills

Backend, Frontend & Cloud

Python, Django, Flask	> 10 Years	Expert
FastAPI	3 Years	Expert
C & C++	> 5 Years	V. Good
GoLang	3 Years	Expert
Rust	1 Year	Expert
HTML, CSS, JavaScript	> 10 Years	Expert
AWS & GCP	> 10 Years	Expert

Geospatial / GIS

Esri's ArcGIS Pro	> 2 Years	Expert
QGIS	> 2 Years	Expert
DuckDB + Spatial	> 1 Year	Expert
MapBox	> 3 Years	Expert

Data & AI

Airflow	> 5 Years	Expert
AWS EMR & Athena	> 5 Years	Expert
BigQuery	> 5 Years	Expert
ClickHouse	> 5 Years	Expert
Elasticsearch, Solr	> 5 Years	Expert
GCloud Dataproc	2 Years	Expert
Hadoop (YARN, HDFS & Hive on Cloudera & HortonWorks)	> 10 Years	Expert
Jupyter Notebook	> 5 Years	Expert
Kafka	> 5 Years	Expert
kdb+/q	2 Years	Good
MapD / OmniSci	> 5 Years	Expert
Memcache, Redis	> 10 Years	Expert
MS SQL Server	> 5 Years	Expert
MySQL, MariaDB	> 10 Years	Expert
Pandas	> 5 Years	Expert
PostgreSQL	> 10 Years	Expert
Presto / Trino	> 5 Years	Expert
R, RStudio	> 5 Years	V. Good
Redshift	> 5 Years	Expert
Spark	> 5 Years	Expert
SQLite	> 10 Years	Expert
Tableau	> 5 Years	Expert
TensorFlow	3 Years	Expert

Work Experience

Big Data, Networking, GIS & AI Consultant
2011 – Present
London, UK & Tallinn, Estonia

I've helped banks, airlines, telcos, supermarket and retail chains, Formula 1 teams and many other businesses do great things. Some of my more well-known clients, end-clients and partners include Bank of America Merrill Lynch, British Telecom, Ford, Google, the Guardian, LeoVegas, News UK, Nokia, The Royal Mail, TransferWise and UBS.

- Architecting modern Data Platforms
- Building effective Data Teams
- Training & Coaching
- Helping my clients win more business

I also run a popular big data tech blog https://tech.marksblogg.com/ where I benchmark various databases against a dataset of 1.1 billion NYC taxi trips. My benchmarks have been reviewed by the likes of Google[1], IBM[2], Intel[3] and Nvidia[4].

[1] https://shorturl.at/ejoP2 [2] https://shorturl.at/gxzVX
[3] https://shorturl.at/kluW9 [4] https://shorturl.at/dqtvD

Fullstack Web Developer
Bloomberg
2009 - 2011
London, UK

I worked on both the back and frontend of BNEF (English and Japanese versions, with the help of my colleagues in Tokyo). I also built a high-volume transactional email service and integrated Adobe LiveCycle DRM system into the firm's systems.

Fullstack Web Developer; Technical Manager
blue barracuda marketing ltd.
2004 - 2008
London, UK

I delivered several projects for a wide range of end clients. The LAMP stack was prominent in most of our solutions.

Our end clients included: Angels, Austin Reed, BAA, Barchester, BlackBerry, Buy Cosmetics, Danone, ELC, Fat Face, Financial Times, Goldsmiths, Hamleys, Harrods, ISBA, ITV, Krispy Kreme, Laithwaites, LOVEFiLM, Nectar, NMA, Noble House Media, Novus, Office World, Pizza Hut, PricewaterhouseCoopers, Royal Bank of Scotland, Staples, T-Mobile, TGI Fridays, The Banker, UKTV, Williams Formula 1, Xerox and Visit London.