

Tal Joffe

Computer Engineer

Nitsanim 1

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Education

2011–2013 **MBA**, Technion IIT, Haifa, Israel.

2009–2011 **BS.c Computer Engineering**, Technion IIT, Haifa, Israel.

Experience

2017–current **full-stack developer**, WEB-APPS, Exelate.

- leading Embedded Analytics reporting tool project from POC to final solution

2015–2017 **Software Engineer**, BIG DATA TEAM, Exelate.

- Made an extensive Benchmark of SQL big data query engines (Presto, SparkSQL, Snowflake, Hive on Tez) for Exelate's "Data Lake" solution
- Transformed from batch to streaming and added fault tolerance features to our "data lake" (Scala with Apache Spark)
- Implemented ingestion process and scala client (using Akka) for Druid DB
- Research and development of Geo based address normalization solution (Java)
- Designed and implemented CI/CD solution for my team - (docker, jenkins, github, maven)
- Used AWS services (SNS, SQS, EC2, EMR, Lambda, data pipeline) through web UI and API (Java/python/bash)

2009–2015 **Software Leader**, C4I (LOTEM), VISUAL INFORMATION SECTION, IDF.

- Training and leading a team of a 3 programmers - R&D of Video technologies and implementation of POCs (main technologies: Java Play!, AngularJS, Python, ffmpeg, log4j, jNetPcap)
- Designing the next generation architecture of operational Video systems including, among others, computer vision, mapping and C2 technologies.
- Design of video delivery solutions with emphasis on data security, low-latency, bandwidth-control and connectivity
- designed and Implemented a C# video management system for the Intelligence Corps

Computer skills

Proficient languages Java, Scala, Javascript (Nodejs, React, Redux, Backbone)

Familiar/past languages Python, SQL, Bash

other skills Distributed software System Planning, Architecture, Design, Testing and Delivery. Knowledgeable in communication network design and protocols

Languages

Hebrew Native

English fluent