



# Idan Lousky

Israel

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## Summary

Technology enthusiastic with over 16 years of experience, including more than 9 years hands-on experience and 7 years of management and architecture roles. Big data technologies - Spark, Hadoop, Kafka, Avro, Presto; Databases and No-SQL - Greenplum, ElasticSearch, Hive, HBase ; Microservices Architecture.

## Experience

### **Manager - System Architecture**

Verint Cyber Intelligence

Aug 2020 - Present (4 months +)

Managing a team of 3-4 architects.

Responsible of Big Data, Advanced Analytics and Interception domains in companies' largest product in terms of people, income and revenue.

Handling new recruitments process and on-boarding.

Established the architecture of a new ground breaking offering that created a huge impact in the organization.

### **Senior Data Architect**

Verint Cyber Intelligence

Apr 2018 - Aug 2020 (2 years 5 months)

System architect specialized in Big Data Analytics and IP DPI.

Leading architect of a mass scale cyber product for large organizations,

Fluent in Hadoop and Spark ecosystems, using Kafka, Parquet, Spark and HDFS.

Building state of the art, unique and innovative cyber solutions.

Brining new ideas to life along with top notch researchers and data engineers

Member of the TTLP - Top Technological Leadership Platform, Tech Expert level.

### **System Architect**

Verint Cyber Intelligence

Nov 2016 - Nov 2018 (2 years 1 month)

Define system requirements for company's strategic customers projects.

Design End to End Architecture for large scale projects with multiple subsystems and components.

Accompany projects from pre-sale phase to successful implementation on customer site.

Responsible for DevOps architecture in the National Intelligence Platforms.

Research for new technologies and best practices to be implemented in company projects.

### **R&D Manager**

Verint Cyber Intelligence

Feb 2015 - Nov 2016 (1 year 10 months)

Managing a software development team of 4-7 members.

Responsible of one of the companies' significant sub-systems.  
Planning team tasks and prioritizing them.  
Taking active role in all of project's phases - from Presale to Post-sale.  
Leading the development process, including design and code reviews.  
Responsible of cross-department tasks such as leading innovation, training process to customers, etc.

## **Software Engineer**

Verint Cyber Intelligence

May 2013 - Feb 2015 (1 year 10 months)

C++ RT Application Developer over windows.

Deep packet inspection.

Protocols decoding and reverse engineering.

## **Software Engineer**

Jivy Group

Dec 2010 - Apr 2013 (2 years 5 months)

Tech Lead & Full-stack Developer:

- Object oriented design, multi-threading, SQL Server, WCF
- Improved server overall performance by over 50% using protobuf serialization
- Live video streaming over adobe platform, asp.net, web services, Win Forms

## **Software Engineer**

Israel Defense Forces

Oct 2004 - Mar 2010 (5 years 6 months)

C++ / Python software developer - Real-time Embedded applications over Linux OS.

Integration Testing environment developer for Embedded Real-time applications.

Using automation - reduced overall testing period of version by 80%.

## **Education**

### **College of Management Academic Studies**

B.Sc., Computer Science

2007 - 2010

Minor - Business Management.

## **Licenses & Certifications**

### **Software Development Engineer for IDF - IDF C4I & Cyber Security Directorate**

## **Skills**

Big Data Analytics • System Architecture • Software Design • Object Oriented Design • Multithreading  
• TCP/IP • Software Development • OOP • Design Patterns • Internet Protocol Suite (TCP/IP)