

EZRA DARSHAN

ezra.darshan@gmail.com · 054-566-4627 · www.linkedin.com/in/ezra-darshan

Highly professional Security and Systems Architect
Smart technical leader looking for meaningful challenges

EXPERIENCE

SYNAMEDIA LTD.

LEAD SECURITY ARCHITECT (2018 – PRESENT)

Leading end-to-end Security Architecture for innovative new products, as well as Synamedia's most successful existing products

Driving Cloud Security within the company, understanding attacks and designing mitigations, including proprietary methods where needed

Consulting on Security and Cryptography throughout R&D

Buzzwords: Cloud Security, Cryptography Engineering, Embedded Device Security, Purple Team

CISCO

LEAD ARCHITECT AND PRODUCT OWNER, ANALYTICS DATA LAKE (2016 – 2018)

Creating a Data Lake and innovative Analytics/ML applications in the Video and Security spaces, using Cloud, Machine Learning and Big Data technologies: e.g. User Behavior Analysis, Fraud Detection, Usage Forecasts

Buzzwords: Cloud, Big Data, Machine Learning, Agile

Apache Spark, AWS (EMR, S3, Kinesis, Athena, etc.), ELK, BI, SQL and NoSQL

LEAD ARCHITECT, HOMEGUARD – CYBERSECURITY FOR IOT (2014 – 2016)

HomeGuard is an end-to-end Cybersecurity solution to protect IoT devices. The first version is designed for end subscribers of Service Providers. It includes an embedded client in the SP's residential gateway/router, and a cloud side for management and advanced analytics

Lead Architect for full product lifecycle from Concept research to PoC delivery

Developed innovative technical concepts (some patent-pending), learned quickly and deeply

Technical leadership for multiple Agile teams, developed technical roadmap

Buzzwords: Agile, Cloud, IoT, Machine Learning, Network Security, Intrusion Prevention, Malware Traffic Analysis

Apache Spark, PyData, Hadoop, Embedded Linux

NDS LTD.

LEAD ARCHITECT, PANORAMA – REMOTE MONITORING FOR DIGITAL MEDIA SERVICES (2011 – 2013)

Buzzwords: TR-069, XMPP, XML, BI, Embedded Linux

LEAD DEVICE ARCHITECT, XTV – INNOVATIVE INTEGRATED DVR SYSTEM (2001 – 2010)

Buzzwords: MPEG-2, MPEG-4, DVB, ABR, VOD, Embedded Software Design, Linux, UML

INTELLECTUAL PROPERTY COMMITTEE (2002 – PRESENT)

SYSTEM ARCHITECT, XVIDEOGUARD – SECURITY FOR DVRS (1999 – 2006)

Buzzwords: Smart cards, encryption, embedded device security

GROUP LEADER, TECHNOLOGY EVALUATION AND ADOPTION (1994 – 1999)

Buzzwords: C++, OOD, OOP, RUP, UML, Design Patterns

IBM (SOFTTEL)

SOFTWARE ENGINEER (1993 – 1994)

INTERLINK SYSTEMS (UK)

SOFTWARE ENGINEER (1992 – 1993)

EDUCATION

CAMBRIDGE UNIVERSITY, UK

BA, MA NATURAL SCIENCES 1988

UNIVERSITY COLLEGE LONDON (UCL), UK

MSC COMPUTER SCIENCE 1991

FURTHER INFORMATION

For additional information: patents, certifications, skills, etc., please see my [LinkedIn profile](#)

References available on request