



Solution architect with experience in global business environments, advancing innovation.
Experience in multi-disciplinary solution design, from ideation to implementation, infrastructure to cyber.

WORK EXPERIENCE

<p>2019 – Present</p>  <p>EXPERTISE</p> <ul style="list-style-type: none">▪ IaaS, PaaS, SaaS▪ Cyber Security▪ Industrial IOT	<p>System Engineer, Special Projects Bynet Data communications Ltd</p> <ul style="list-style-type: none">▪ Systems engineering for strategic projects. Bynet is Israel's leading provider of end-to-end integration solutions and services. Bynet offers various solutions such as: cloud services, telephony, data security and cyber, enterprise video network management, data center solutions and mobility solutions. As the Systems Engineer for strategic projects, I lead the effort for initiatives which are outside of the company's comfort zone, ever expanding capabilities through synergy and innovation, ultimately adding products and services to the company portfolio.▪ Among the projects are:<ul style="list-style-type: none">• HaDarom Container Terminal (HCT) – A fully automated container terminal at the port of Ashdod. My role was the lead system engineer from requirement definition to implementation. Design included the integration of passive and active communication infrastructure, data centers (physical design, IaaS, PaaS and ESB), Operational control centers design and Cyber security design lead.• Red Line, Tel-Aviv mass transit light rail train – Lead System engineer for the communication systems. Creating advanced interface configuration for On-Board to Way-Side applications and communications.
<p>2015 – Present</p> <p>EXPERTISE</p> <ul style="list-style-type: none">▪ Electric Vehicles▪ Safe & Smart city▪ Smart Grid▪ Industrial IOT▪ Agritech	<p>Managing Director iTempler</p> <p>Freelance contract work with municipalities and companies for innovation in the fields of:</p> <ul style="list-style-type: none">▪ Electric mobility and infrastructure solutions▪ IoT Consultant and Professional Services▪ Solution and System architecture▪ Create sensor rich applications for mission critical systems▪ Biz-dev and technical lead for urban innovation projects
<p>2008 – 2018</p>  <ul style="list-style-type: none">▪ QA management (ISO-9100AS)▪ System and integration design.▪ IIoT testing and simulation	<p>VP Engineering & Projects AerolceFree</p> <p>AerolceFree is a startup company in the aerospace industry, developing a novel deicing solution for airborne platforms.</p> <p>Due to extreme environmental testing, advanced sensors, data acquisition and analysis methods were developed to support the R&D process.</p>

2012 – 2015

IoT Team Leader, Solution Architecture Group

AGT International



EXPERTISE

- Smart City
- Smart Grid
- Smart Port
- Safe City
- Intelligent Transportation Systems
- Big Data applications
- IoT Applications

Solution architect of turnkey solution concepts for Smart City applications

- Working closely with customers to meet a variety of needs and requirements in design-to-cost environment.
- Solution lead for IoT applications in urban and in-door environments.
- Smart city and residential IoT based solutions including big-data storage and analytics, backend and client characterization.
- Global experience, among others USA, EMEA and China.

Lead Integrated Project teams for tender response

- Smart City tenders varying from proof of concepts (200kUSD budget) to full city scale (15M USD)
- Solutions include Smart Grid, Smart Port, Multi modal mobility (ITS) and Smart City.

Design outdoor sensors, network, datacenter, labor plan, project plan, delivery plan and cost analysis in a competitive environment, including competitive analysis and market research.

2008 - 2012

Application Engineer

Agilent Technologies



Agilent Technologies

EXPERTISE

- RF systems
- ATE
- LTE, WiMAX, WiFi, BT
- Radar
- GPS-GNSS

Subject Matter Expert customer support for increased value to customer.

- Increase customer engagement that can be translated to an increase of 1.5M USD in direct sales.
- Support the development and application of RF systems.
- Lead proof of concepts and technical demonstrations of Automate Testing Environments for RF and uWAVE applications
- Create and maintain customer pre-sale and post-sale technical engagement

2005 - 2008

Systems Engineer

Israel Aerospace Industries, Flight Test Center



EXPERTISE

- Analog Transducers
- Digital Sampling
- Electro-mechanical systems
- Airborne systems

- Designed multi-disciplinary systems for aerospace and military applications according to relevant standards and regulations.
- Managed sub-contractors and strategic technical partnerships

2000 - 2004

Assistant to the Consul

Israel Embassy, Washington DC, USA

- Logistic management of official government visits to Washington DC. (Prime minister, Ministers, etc)
- Manage accounts, negotiations and contracts with suppliers

EDUCATION

- 2009 – 2012** **Technion – Israel Institute of Technology**
Master of System Engineering (MSE)
- 2001 – 2004** **University of Maryland, College Park, MD, USA**
Bachelor of Science, Electrical Engineering
- Research Assistant
 - Intense Laser Matter Interactions Group

MILITARY SERVICE

- IDF RESERVE** **Armored Division, Recon. Captain**
- 1995 - 1999** **Senior Instructor & Acting Head of Recon Training School. Lieutenant**