

Nir Shafrir | 054-7423747

Senior Technical Manager & Lead System Engineer

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Performance-driven technical leader with over 20 years of experience in defense, medical, and consumer technology domains. Expert in multidisciplinary system engineering, product architecture, and end-to-end project leadership. Strong ability to bridge customer needs, technology innovation, and product delivery. Known for ownership, creativity, and technical depth.

Professional Experience

Elbit Systems Land | 2019- Present

Senior Technical Manager & Lead System Engineer

- Lead multidisciplinary engineering activities across system, hardware, software and mechanical domains.
- System engineering experience across missile systems, weapon stations and turret platforms.
- Define system concepts, architecture, interfaces and technical roadmap based on customer and operational requirements.
- Manage system integration, verification, testing, technical risks and system-level trade-offs.
- Serve as technical focal point for customers, engineering teams and subcontractors throughout the project lifecycle.

Spreo | 2013- 2019

Co-Founder & Senior System Engineer

- Co-founded a startup developing Real-Time Location Services (RTLS).
- Defined the overall system architecture and technical solution.
- Led mobile application development for iOS and Android and supported database design.
- Managed system integration and customer-specific technical solutions.
- Led pre-sales and post-sales technical engagements with customers.

Philips Medical Systems | 2001- 2013

Lead System Engineer | 2009- 2013

- Led system engineering activities for complex medical imaging systems.
- Managed integration, verification and validation, feature feasibility and technical investigations.
- Coordinated technical activities across multidisciplinary engineering teams.
- Supported system-level decision-making throughout development and product release.
- Worked under FDA and international regulatory requirements, including supporting technical and regulatory documentation.

Senior Electrical Test Engineer | 2006- 2009

- Led embedded hardware and software integration and verification activities.
- Investigated system-level issues and supported engineering teams through testing and troubleshooting.
- Worked across hardware and software interfaces to support system readiness.

System Engineer Intern & Software Test Lead | 2001- 2006

- Developed system and software test plans and coordinated testing activities across global teams.
- Performed Unix and C# debugging, peer reviews and feasibility analysis.
- Supported field beta sites and investigation of system behavior in operational environments.

Education & Certifications

Electrical Engineering Studies | Braude College

- Certified Program Safety Manager | 2019
- Green Belt in Lean & Six Sigma Design | 2011
- Qualified Electrician – IIOSH | 2009

Military Service

Lieutenant Colonel (Reserves), IDF

Languages

Hebrew – Native | English – Proficient | Arabic – Intermediate