

Arnon Rotem-Gal-Oz

6 Tel-Mane st. Haifa Israel * 052-3331027 * arnon@rgoarchitects.com * <http://arnon.me> * @arnonrgo

Functional Areas of expertise

- Product delivery record
- Strategic planning
- Business focus
- Leadership
- Peoples skills
- Software architecture
- Technological depth
- SaaS/SOA/REST
- Project planning / execution
- Internet & mobile projects
- Transition to production
- SCRUM & Lean
- RUP/ISO 90003

Professional Experience



VP R&D

2007-Present

xsights (A Rafael daughter company)

- Built a solution from idea to production. Delivered a working alpha in 6 months and a production ready system within less than a year
- Deployed the system to production for internet (User generated content) and commercial clients
- Providing strategic direction and implementing strategic-planning processes.
- Recruited and trained an R&D group
- Defined and implemented agile and lean software development life cycle standards and procedures (TDD, evolving architecture, continuous flow, rolling wave planning, automated testing, continuous build and continuous deployment).
- Developed significant components of the company's server side infrastructure as well as selected parts of the application.
- Managed the IT - handled licensing, procurement and operations



Biometrics Line Development Manager

2005-2007

Rafael

- Delivered high quality working software on-time, on budget
- Orchestrated five project teams of in-house and outsourced developers and testers. Including management of sub-contractors.
- Raised 500K\$ funding from the chief scientist office
- Introduced agile processes into a CMMI/ISO90003 organization.
- Designed and architected an open & scalable platform for biometrics.
- Engaged SMEs and customers to elicit product requirements.



Software Architect

2004-2005

Microsoft

- Worked with large enterprises on large scale projects (e.g. Leumi Bank, Ministry of Justice, Matrix, Elbit systems, IDF).
- Designed, Reviews and communicated software architectures for web-based and desktop based projects.
- Wrote design and architecture documents.

- Contributed to MSF 4.0 for CMMI.
- Prepared initial project plans (WBS and cost estimations).
- Provided guidance on software development methodologies, technologies and other development related guidelines (e.g. moving from development to production)
- Reviewed designs and source code, including pin-pointing performance, scalability and other bottlenecks.



Lead Systems Architect
Matrix IT

2001–2004

- Architected and oversaw the design and development of a very large software project.
- Played an instrumental part in the technical management team of a multi-disciplinary mega-project (hundreds of man-years).
- Technical management of large software development group (60+ developers)
- Established cost estimates and project plans for several software sub-systems
- Complete responsibility from requirements analysis, to development.
- Designed the project's hardware and software architecture.
- Built the project's requirements (use case) model.



Project Leader
Amdocs

1999-2001

- Managed a mid-sized development team (more than 20 developers) spread over multiple locations.
- Analyzed customer requirements and wrote development plans, specs, high level designs.
- Created detailed level designs for several systems such as a web based IP billing system.

Director of R&D
BIS Ltd.

1997-1999

- Managed the development team (more than 10 developers) in a fast-paced, technically demanding environment.
- Analyzed, architected, designed and managed the development of an innovative (ROLAP based) business intelligence solution – comprised of a distributed n-tier system, working against multiple database back-ends.

Consultant
Freelancer

1995-1997

- Developed a windows based subscription system for a publisher
- Ported a DOS based system to windows.
- Developed a web based registration system for ISOC-IL (Internet Society- Israel).
- Programmed and authored the Virtual FoxPro User Group web site.
- Wrote questions for Microsoft's MCSD exams & Lectured Microsoft University Courses.



Developer
IDF (Military Service)

1992-1995

- Participated in the development of a classified, 24/7, database driven, UNIX (HP-UX) based system
- Authored the system's courseware.

**Developer
On Time Ltd.**

1988-1992

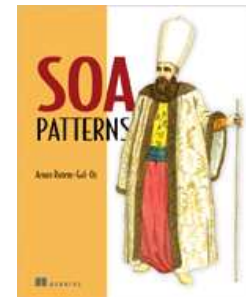
- Developed a multi-user LAN based system.
- Performed setup and administration of a Novell based network.

Education

2007	MSc Information Technology, Clark University, Tel-Aviv
2004	BA in Computer Science Program, Open University, Tel-Aviv
1991	Computer Science Technion Institute, Haifa - (Academic Reserve - Partial)

Articles, Publications and Whitepapers

Apr 1996.	Create a Reusable Search Object, FoxPro Advisor
Aug 2006.	Use Case based requirements. Part I Dr. Dobb's Requirements Development
Aug 2006	Object Oriented Primer
Sep 2006	Fallacies of Distributed Computing Explained
Sep 2006	The SPAMMED Architecture Framework , Dr. Dobb's Journal
Oct 2006	Use Case based requirements. Part II, Dr. Dobb's Requirements Development
Mar 2007	From Stakeholders to Models—It Is All a Matter of Viewpoints , IASA Architect Skills Project.
Apr 2007	Bridging the Impedance Mismatch Between Business Intelligence and Service-Oriented Architecture ", MSDN Library.
Jun 2007	Service Firewall Pattern , InfoQ
Feb 2007	What is SOA anyway – getting from hype to reality
Dec 2008	The knot – SOA antipattern
May 2009	Blogjecting Watchdog Pattern
2006-present	Architecture & Design blog @ Dr. Dobb's Portal
2007-2008	SOA Editor for InfoQ
2007-Present	authoring SOA Patterns for Manning publications



An updated list of whitepapers and presentations can be found at <http://arnon.me/presentations-papers-articles/>

References: available upon request.