Alon Rotem

Date of birth: 01/09/1973 | **Nationality:** Bulgarian, Israeli | **Phone number:**

(+359) 884013532 (Mobile) | **Email address:** alrotem@gmail.com |

Address: bul. Vitosha 150, ent. A, fl. 2, apt. 6, 1408, Sofia, Bulgaria (Home)

ABOUT ME

Full stack enthusiastic geek and software engineer for client/server/databases/services/whatever, software designer/architect, consultant, team/scrum/technical leader.

- Programming since 1986 (BASIC).
- In the IT industry since 1996.
- Software engineer since 1998.
- Working with web since 2001
- With the .NET framework since 2006.

WORK EXPERIENCE

04/2022 – CURRENT Sofia, Bulgaria
SENIOR SOFTWARE ENGINEER MARIADB CORPORATION

The MariaDB Foundation leads and owns a free and open-source version of the MySQL database system (forked after MySQL was acquired by Oracle Corporation in 2009). Development is led by some of the original developers of MySQL, and the open source developers community.
SkySQL was a database-as-a-service offering from MariaDB, which is a managed service operated on a number of cloud platforms, including Google Cloud and Amazon Web Services.

As a senior software engineer in test, on the cloud platform (SkySQL), I worked with an abundance of tools, technologies and frameworks, to build test tools, help improve automation and help the team construct tests for the highly complex, distributed, scalable cloud-based products.

- I built a complete test framework from scratch with Python. My framework consisted of multiple modular object-oriented integration libraries, which I developed one by one, enabling easy construction of complex tests, integrating with databases, Kubernetes clusters, cloud environments, APIs, logging tools and more.
- I was working with testers, helping build automation with different tools, such as Robot framework and Selenium.
- I worked closely with containers, Docker and Kubernetes, as well as tools such as Helm.
- I worked closely with clouds, namely GCP and AWS, and additional tools such as Terraform.
- I worked with a wide range of CI/CD tools, building complex pipleines with with elaborate UI, on Jenkins, ArgoCD, Github Actions and Ansible.

Tech stacks:
- Python
- Javascript
- Docker & Kubernetes
- ServiceNow
- Google Cloud, Amazon Web Services, Microsoft Azure and resource management with Terraform
- Ansible, Jenkins, Github Actions, microservice management with ArgoCD

In October 2023, MariaDB decided to shutdown its cloud-based product initiative, and cancel SkySQL.

04/2020 – 03/2022 Amsterdam, Netherlands
HEAD DEVELOPER, MONITORING AND FRAMEWORKS COMPLIANCE SOLUTIONS STRATEGIES

The products developed by **Compliance Solutions Strategies** (a.k.a. CSS) are platform-scale solutions help hundreds of hedge funds, asset managers, and investment banks comply with an increasingly complex set of regulatory requirements.

- Managing 2 **worldwide** distributed development teams, spanning from USA, throughout Europe to India.
- Personally and technically managing, driving projects, making technical and architectural decisions and designs.
- Stabilization and enhancement of projects, migration to Azure cloud, and of development peripherals to Azure DevOps.
- Working with all related divisions in the company (analysts, managers, client officers, marketers, deployment teams, tech support, and others).
- The products are complex, RegTech, financial transaction reporting automation tools. Customer companies are big-scale financial institutes and national banks.

Tech stacks:
- Microsoft .NET
- Microsoft SQL Server
- All around full-stack web frontend and backend, Javascript
- Java
- PostgreSQL
- Microsoft Azure DevOps

In 2021 Confluence Technologies Inc. acquired Compliance Solutions Strategies.

Website https://cssregtech.com/

04/2019 – 04/2020 Amsterdam, Netherlands
TECH LEAD EMAKINA NL

Emakina is a digital agency spread across 10 offices around Europe. Emakina has won multiple awards for projects in digital marketing, websites, e-commerce, applications and communication campaigns.

- My work of a technical lead at Emakina was comprised of architecture, consulting, stakeholder management and mentoring fellow team members.
- End-to-end implementing large-scale, web-based, commerce solutions for big customers (HEMA, Royal Friesland Campina, Bugaboo, Ecco, Omron and others), working on multiple projects.

Tech stack:
- Salesfoce Commerce Cloud B2C (a.k.a. Damandware)
- Salesfoce Commerce Cloud B2B (a.k.a. CloudCraze)
- Microsoft .NET
- All around full-stack web frontend and backend, Javascript
- An additional wide variety technologies and tools

In 2021 EPAM Acquired Emakina Group.

Website https://www.emakina.com/en-nl/

02/2016 – 02/2019 Sofia, Bulgaria
TECHNICAL LEAD AND MANAGER OF ARCHITECTURE KPMG IT SERVICE OOD

KPMG IT Service, is a software development division within *KPMG*, one of the biggest and oldest firms in the world, and one of the "Big Four" accounting organizations.

- Technical lead, working with all development and test teams of KPMG IT Services in Sofia.
- Evaluating and establishing architecture, technologies, standards for quality and coding, automation, processes and platforms.
- A member of the global KPMG enterprise architecture team in Berlin, establishing global infrastructure, software development standards for all the company's projects.
- Leading the company's architecture team in Bulgaria: a team of highly skilled solution, platform, infrastructure and cloud architects.

Tech stacks:
- Microsoft .NET

- Microsoft SQL Server
- All around full-stack web frontend and backend
- Microsoft Azure services.

Website https://kpmg-its.bg/

05/2015 – 02/2016 Sofia, Bulgaria
SOLUTIONS CONSULTANT, SITEFINITY PROFESSIONAL SERVICES TELERIK

Telerik is a Bulgarian company, offering software tools for web, mobile, desktop application development, tools and subscription services for cross-platform application development.

- Worked as a solutions consultant for Telerik's Sitefinity CMS professional services team.
- Consulted and built deep code customizations, analysis, solutions and modules for enterprise customers and partners (e.g. Shell, WizzAir, ABB etc).
- Single-handedly produced the Sitefinity developer certification programme.
- Constructed an entire learning system and all its content (on NetDimensions Talent Suite LMS) of developer courses for Progress's enterprise partners.

Tech stacks:
- Microsoft .NET
- Microsoft SQL Server
- All around full-stack web frontend and backend, Javascript
- Telerik Sitefinity CMS and a wide range of Telerik dev tools.

In 2014 Progress Software acquired Telerik.

Website https://www.telerik.com/

12/2012 – 05/2015 Sofia, Bulgaria
MANAGER, SOFTWARE ENGINEERING TELERIK

The Sitefinity Software Development Kit (SDK) includes Telerik's developer productivity tools, OpenAccess ORM, how-to tutorials, sample projects, Visual Studio templates, and comprehensive documentation. The SDK is designed to increase the developers' productivity when meeting project requirements and developing Sitefinity extensions for the Sitefinity Marketplace.

- Lead the Sitefinity SDK team of developers and technical writers.
- Took active part in the entire development process and lifecycle and documentation.
- Built and maintained the related open source projects on GitHub.

Tech stacks:
- Microsoft .NET
- All around full-stack web frontend and backend, Javascript
- Telerik Sitefinity CMS and a wide range of Telerik dev tools.

Website https://www.telerik.com/

08/2009 – 12/2012 Sofia, Bulgaria
SENIOR .NET SOFTWARE ENGINEER TELERIK

- A leading senior member of the company's biggest product development team: Sitefinity, a world leading CMS systems.
- Thorough high and low level design of the product's modules architecture.

Tech stacks:
- Microsoft .NET
- Microsoft SQL Server
- All around full-stack web frontend and backend, Javascript
- Telerik Sitefinity CMS and a wide range of Telerik dev tools.

Website https://www.telerik.com/

09/2011 – 11/2012 Sofia, Bulgaria
LECTURER ON SOFTWARE ENGINEERING COURSES TELERIK ACADEMY

The Telerik Academy is an learning institute, established and operated by Telerik, providing thorough frontal training and courses on a wide variety of IT-related subjects, for people of all ages and backgrounds.

- Lectured software engineering courses (C# .NET) at the Telerik Academy, a professional course academy operated by Telerik.
- This was done along with my work as a senior developer.

Since Telerik was acquired by Progress Software, the Telerik Academy is now an independent institute.

Website https://www.telerikacademy.com/

09/2008 – 06/2009 Maidenhead, United Kingdom
APPLICATION ENGINEER & CONSULTANT OBLICORE

Oblicore, Inc. is a provider of service level management software built around the ITIL v3 framework.

- Microsoft .NET development: designed, developed, tutored & implemented customer solutions.
- International work as an application engineer & consultant with UK and Belgium branches.

In 2010 Oblicore was acquired by CA Technologies. Since 2018, the company has been a subsidiary of Broadcom Inc.

Website https://www.oblicore.com

05/2006 – 09/2008 Ra'anana, Israel
.NET SOFTWARE ENGINEER OBLICORE

Oblicore, Inc. is a provider of service level management software built around the ITIL v3 framework.

- ASP.NET webform applications with C#. Working with .NET framework.
- Designing & building a product's web-service-based open API from scratch.
- Developing C++ COM objects, and interoperability with .NET framework.

Tech Stacks:
- Microsoft .NET
- Microsoft SQL Server
- All around full-stack web frontend and backend, Javascript
- Win32 C++ and .NET interop

In 2010 Oblicore was acquired by CA Technologies. Since 2018, the company has been a subsidiary of Broadcom Inc.

Website https://www.oblicore.com

08/2004 – 11/2005 Tel-Aviv, Israel
SOFTWARE ENGINEER WEBCOLLAGE

Webcollage is the leading cloud-based platform for the publishing of rich product content and syndication across retailer sites globally.

- Deep website frontend content analysis.
- Web JSP applications in Java.
- Functional and object programming in JavaScript.
- Complex transformations of XML files using XSLT.

Tech stacks:
- All around full-stack web frontend and backend, Javascript

- JSP/Java
- Open source tools and databases

In 2018 WebCollage was acuired by Syndigo.

Website https://www.webcollage.com/

11/2001 – 03/2004 Haifa, Israel
SOFTWARE ENGINEER VINET GLOBAL

Vinet Global was a company specialized in developing system solutions for internet based tour operators. Solutions were based on efficiency, integrations with external booking systems, automatically crossing and putting together information from multiple sources into a centralized booking system.

- ASP web programming, complex applications, end-to-end design and implementation.
- Interfacing with large databases, XML objects, and external COM objects.
- MS-SQL programming (stored procedures, design of DB structure, tables and relationships).

Tech stacks:
- All around full-stack web frontend and backend, Javascript
- Classic Microsoft ASP
- Microsoft SQL Server
- Win32 C++

Website https://tinyurl.com/vinetglobal-com

09/1998 – 07/2001 Haifa, Israel
C++ SOFTWARE ENGINEER ALADDIN KNOWLEDGE SYSTEMS

Aladdin Knowledge Systems was a company that produced software for digital rights management and Internet security.

- Object Oriented Design and Programming in C++ on the Windows NT platform.
- Worked with Checkpoint's Firewall-1 SDK.
- Developed network applications with TCP/IP protocols.
- Built complex multithreaded applications Windows desktop applications
- Developed web applications with Delphi CGI backend

Tech stacks
- Win32 C++
- Microsoft SQL Server
- Delphi
- All around full-stack web frontend and backend, Javascript

In 2009 Aladdin Knowledge Systems was acquired by Safenet Inc., which was in turn acquired by Thales Group in 2019.

Website http://www.aladdin.com/

08/1997 – 09/1998 Haifa, Israel
EDUCATIONAL MANAGER AND LECTURER ASHROT EDUCATIONAL CENTRES

Ashrot was a company running software and IT related educational centres.

- Lectured software development and other related courses.
- Managed the team of lecturers in the academy.
- Wrote educational programmes and courses outlines and contents
- Worked with the Israeli ministry of labour, for constructing and running courses for career trainings for academics.

In 2000, Ashrot was acquired by New Horizons.

28/02/1997 – 31/08/1997 Haifa, Israel
QA ENGINEER ELEMENTRIX SECURITY TECHNOLOGIES

Elementrix was a company providing peer-to-peer Windows encryption solutions in a local area network data flow.

  • Manual QA work: built test plans and performed tests, reported bugs.

Website https://tinyurl.com/elementrix-co-il

31/12/1996 – 28/02/1997 Haifa
2ND TIER INTERNET SERVICE TECHNICAL SUPPORT ENGINEER NETVISION

Netvision was the first Israeli ISP (Internet service provider) since 1994.
  • Technical support of individual and business Internet users.

In 2007 Netvision was acquired by 013, a large Israeli telecommunications company, which was in turn purchased by another telecommunications company, Cellcom, in 2011.

31/12/1995 – 31/12/1996 Haifa, Israel
HELPDESK ADMINISTRATOR AND IT SUPERVISOR HEVER GROUP

Hever Group is an Israeli company providing translation and typing services, as well as human capital and recruitment.

  • During those years, Hever won a tender, to supply typing services for legal courts, over the entire northern region of Israel.
  • I was assigned to be the sole provider of technical support and assistance to all the computers (+200 systems)
  • Did maintenance, backup checks and verifications, as well as day-to-day technical support upon need, on all locations.

Website https://hever-group.co.il/

EDUCATION AND TRAINING

31/12/1997 – CURRENT Israel
BACHELOR OF COMPUTER SCIENCE The Open University

Website https://www.openu.ac.il/en/ | **Field of study** Computer Science

LANGUAGE SKILLS

Mother tongue(s):   **HEBREW** | **ENGLISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
BULGARIAN	B2	B1	B1	B2	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Microsoft Office | Google Drive | Social Media | Skype | Instagram | Good listener and communicator | Internet user | Outlook | Organizational and planning skills | Team-work oriented | Motivated | Written and Verbal skills | Analytical skills | Decision-making | Critical thinking | Responsibility | Creativity

- **ADDITIONAL INFORMATION**

HOBBIES AND INTERESTS

Music, Single Board Computers and other interests Music
- • I'm a pianist and electronic musician
- • I play and compose using source software on Linux
- • Find me on Spotify, Amazon Music, Youtube music, Apple Music, Deezer, Tidal and Bandbamp.

Single board computers and gadgets
- • I work with single board computers (Raspberry Pi mainly)
- • I bring them to many uses. As a personal computer, file server, media centre, retro arcade machine, web server, development server.

Sports
- • I swim and bike. Used to paraglide in the past.

Other interests
- • Cooking and baking
- • Reading, mostly popular science and science related books, but also novels