

# Andrew Molyuk

## Contacts

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## Summary

With over 25 years of experience in the tech industry, I am a highly accomplished CTO skilled in leading large-scale projects and teams, delivering innovative solutions, and driving business growth. My proven track record of success in software development, product management, and technology strategy is supported by my strong communication and leadership abilities, as well as my excellent problem-solving skills.

My experience includes business process definition and teambuilding, leading R&D teams in complex and challenging environments to successful product delivery. I have extensive experience in the analysis, architecture, design, development, testing, and production life cycle of software projects, including custom Scrum and TDD/BDD methodologies.

I possess a deep understanding of distributed software architecture and design, as well as concurrent and networked, high load and high availability software architectures. Additionally, my strong leadership and management skills, technical expertise in multiple programming languages, and vast experience with Node.js and JavaScript frameworks like React, Redux, Nest.js, and Next.js make me an asset to any team.

My experience also includes vast micro-services development in high load and high availability environments with Golang, and deep knowledge of data storage systems, including key-value databases like Redis and MongoDB. I possess a thorough understanding of internet protocols, configuration management, and revision control systems, as well as vast experience in provisioning and release management, including continuous integration and continuous deployment.

Overall, I work well under pressure and possess excellent communication skills.

## Experience

### CTO at Vidcrunch, Tel Aviv, Israel

August 2016 – July 2023 (7 years)

- Led the development and launch of a new ads optimization platform that helped to generate \$17M in revenue in the first year.
- Worked closely with the CEO and other stakeholders to develop and execute a technology strategy.
- Developed and executed a long-term technology strategy that aligned with company goals and objectives.
- Collaborated with other departments such as sales, marketing, and customer success to drive business growth.
- Led the development a set of high loaded and high available web applications in AWS cloud environment that was used by all departments in the company.
- Established a continuous integration and deployment process that reduced release time by 75%
- Built and managed a remote team of 10+ developers, UI/UX designers and QA engineers.

### VP R&D at Screenz, Tel Aviv, Israel

July 2015 - August 2016 (1 year 2 months)

- In accordance with company's objectives developed and monitored research plans and multi-million-dollar detailed budgets for R&D projects, ensuring projects are completed on time and within cost objectives.
- Drive accountability, consistency, quality, and process standardization across all phases of research and development.
- Directing the Research and Development program, from new product proposal to commercialization.
- Maximizing product profitability and improving product performances.
- Supporting R&D projects at group level participating in meetings and sharing technical information and best- practices.
- Defining the right allocation of the resources, ensuring the correct application of tools and policies on training, career path and evaluations and inputs to the compensation systems.
- Reducing labor cost by initiating and planning outsourcing of development resources and implementing an offshore development team in Ukraine for the company.
- Cooperating closely with product managers to assure customer focus and target costs, co-developing product roadmaps.
- Direct and indirect management and coaching of technical staff (up to 30 employees) in dynamic environment and under intense development.
- Leading a smooth transition of taking an ad-hoc startup team in a dysfunctional environment and transforming it into a cohesive, aligned engineering organization with improved morale under leadership.

### CTO at YKM, Raanana, Israel

April 2014 - June 2015 (1 year 3 months)

- Identifying opportunities and risks for delivering the company's services, including identification of competitive services and opportunities for innovation. Identifying technology trends that support the success of the business.
- Leading strategic planning to achieve business goals by identifying and prioritizing development initiatives and setting timetables for the evaluation, development, and deployment of all web-based services.
- Development and execution of an information security plan that protects the confidentiality, integrity, and availability of the company's data and servers.
- Direct management and coaching of technical staff (up to 15 employees) based on intensively changing daily needs.

### Development Manager at Synerion Systems, Tel Aviv, Israel

October 2011 - April 2014 (2 years 7 months)

- Managing of R&D staff (up to 15 employees) comprising of agile Scrum methodology. Working closely alongside Product Owners and Stakeholders including progress exceptions mitigation and successful product delivery.
- Defining and estimating of development and QA tasks, timelines, and making sure all is done according to the plan in the highest quality.
- Staff recruiting and managing on the personal and professional level in the dynamic and complex development environment.

### R&D Director at BestTV, Herzliya, Israel

August 2006 - July 2011 (5 years)

- Setting standards and procedures for the department (analysis, design, configuration management, development, documentation, QA).
- Identification and formalization software development procedures.
- Gathering non-functional requirements and constraints from projects' stakeholders.
- Participation in architectural skeletons design and implementation during projects' iterations
- Planning, organization, and monitoring of development process

### Senior Developer at Formula Telecom Solutions

January 2005 - July 2006 (1 year 7 months)

- Analyses and ensuing refactoring of current architecture, with using of design patterns.
- CRM/Orders module development and support, including client-side and server-side components of n-tier system, based on COM+/MTS technology.
- As the informal lead architect, within a group of senior developers, has established the overall high-level architecture of CRM/Orders module.
- Designed and implemented kind of mediator application server with extensible rule-based management.
- Designed and realized flexible logging engine for centralized tracking of distributed application.

## Team Leader at dsIT Technologies

February 2003 - January 2005 (2 years)

- Configuration management process implantation and support.
- Design and implementation of automated build application.
- Development of distributed load test and tuning performance development tools.
- Create of security policy management system for billing application.

## Team Leader at Almog Software Industries

September 1999 - February 2003 (3 years 6 months)

- Flexible engine implementation for automated transferring from DOS to Windows platform.
- Multithreaded license server development with binding simplest client calls.
- Development of UI controls and components framework

## Database Developer at AzBen Systems

August 1997 - September 1999 (2 years 2 months)

- Custom database replication algorithm implementation for specific retail system needs.
- Participation in database versioning and upgrade engine implementation.

## Education

### Vanderbilt University (2013)

Pattern-Oriented Software Architectures for Concurrent and Networked Software

### John Bryce Training Center (2005 - 2006)

System Analyses with UML in Web Services Environment

### Kiev National University (1990 - 1996)

MSc, Applied Mathematics and Programming

## Languages

Hebrew (Native or Bilingual)  
English (Professional Working)  
Russian (Native or Bilingual)  
Ukrainian (Native or Bilingual)