

Tomasz Klim

IT architect, manager and entrepreneur

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Summary

I'm an IT architect, manager and entrepreneur with over 15 years of commercial experience in IT, including almost 10 years spent with scaling large applications for companies such as Wikia, Allegro Group, or Komputronik. I was awarded with the prestigious MIH Technologist Distinguished title (as the only one in Poland and one of the 11 people in the whole world).

As software architect, I built biggest Polish e-commerce payment platform "Pay with Allegro" (currently known as "PayU"). Meanwhile I have been involved in implementation of standards such as PCI DSS for financial institutions.

Currently, I work on Fajne.IT ("Cool IT") server management automation platform.

So, how could I help your company?

Experience

IT Director, Software Architect, Lead Administrator at Fajne.IT

December 2014 - Present (7 months)

1. I created (initially for the TaniBackup platform, then moved to separate business) the automation platform to efficiently manage large numbers of servers belonging to different companies - lighter and cheaper than Puppet or Chef frameworks. Part of this platform has been released as open source software, available for free ("Server Farmer" project on github.com).
2. Currently I'm responsible for further development of this platform, and for management of our IT services.

IT Director at Bezpieczna Przychodnia

August 2013 - Present (1 year 11 months)

1. I'm responsible for managing medical software implementation and maintenance processes for our customers (medical doctors, laboratories, clinics, hospitals and so on).
2. I created a solution for integrating Comarch OptiMED24 medical system with Google Calendar.
3. Occasionally I also train new customers from Comarch OptiMED24 and DrEryk medical software.

Lead Administrator at ReduTax

June 2013 - Present (2 years 1 month)

I'm responsible for overall IT security and business continuity, including server and services administration (Linux, Windows, Insert GT ERP).

IT Director, Software Architect at TaniBackup

March 2011 - Present (4 years 4 months)

I designed and created from scratch scalable online backup platform, that combines the best features of competing services (eg. Amazon S3) with the ability to access your data via the rsync protocol, and the lowest price in the market price (at the time the public starting in Q1 2013). My contribution consisted mainly of:

1. Decentralized network infrastructure, based on HP ProLiant servers and Mikrotik routers.
2. Scalable architecture, enabling sharding the service up to 250 data centers while maintaining the possibility of migrating individual customers between datacentres without changes in access data delivered to the customers.
3. Load balancing algorithms that monitor usage/saturation of individual links in data centers, and automatically schedule migration of individual customer accounts between data centers.
4. Distributed monitoring platform based on Cacti software.
5. Automation platform for efficient, multiple, multi-company server management (way cheaper than Puppet / Chef frameworks). Parts of this platform have been released as open source.

Programmer at non-profit open source development

September 1996 - Present (18 years 10 months)

I contributed to many open source software projects as a volunteer. The most famous one is the ClamAV project, with which I have continued cooperation as CTO of Euronet Sp. z o.o. Also I contributed to a few projects not exactly open source, but with available source code. Especially I'm proud of cooperation with Ph.D. William Ward Armstrong of Dendronic Decisions Ltd. in Canada on his excellent ATree (neural networks) software, and with Ph.D. Brian Gladman in United Kingdom on his cryptography-related works.

IT Director, Software Architect at Legalny Mailing

April 2013 - January 2015 (1 year 10 months)

1. I created (initially for the TaniBackup platform, then moved to separate business) an email marketing platform - polish competitor of eg. MailChimp, cheaper and with much better delivery rate to polish subscribers because of better polish-spam-filter bypassing technology.
2. I created a handful of email cleaning, repairing and sorting algorithms. These algorithms can take low quality email address database as input, and fully automatically fix over 200 bugs, anomalies and anti-spam

traps in addresses (and detect even more problems to be fixed manually).

Software Architect, Programmer, MIH Distinguished Technologist at Allegro.pl

December 2007 - October 2014 (6 years 11 months)

Most important successes and activities from 2007 to 2014:

1. Technical architect, leading developer, technical owner, chief technical consultant of "Place z Allegro" payment platform ("Pay with Allegro", polish Paypal competitor, recently rebranded to "PayU"). Responsible for related strategic projects, architecture overseeing, scheduling, assigning and verifying maintenance work etc. In addition to technical knowledge, holds wide business-related knowledge on many aspects of the service.
2. Technical architect and leading developer of the biggest MVNO platform in Poland, in cooperation with Gadu Gadu.
3. Lecturer of several internal workshops and trainings from the area of IT and project management.
4. Pioneer and evangelist of object oriented programming. Initiator of Allegro platform migration from PHP 4.x to 5.x.
5. Founder of department knowledge base regarding Allegro technical platform. First author of platform documentation.

In recognition of outstanding achievements, rewarded with MIH Distinguished Technologist title, as the only person from Poland and one of 11 employees of MIH Group/Naspers worldwide.

Senior Programmer / Project Manager at Wikia Inc.

January 2007 - December 2007 (1 year)

I was responsible for extending open source MediaWiki software in many ways, improving usability of hosted sites, and allowing integration of external technologies in these sites. Some examples of projects I managed are:

1. Wikia Widgets, allowing users to redesign their pages using just drag&drop. That was my biggest project, being developed by 9 people in total (including myself). My technical role in this project is database structure design and optimization, backend design and implementation, and also implementation of a few widgets.
2. Tools for site administrators, scanning several search engines and making popularity analysis of hosted sites.
3. Next generation database layer to replace MediaWiki functionalities and improve sites' efficiency where possible.

4. Antispam protections for content sent from hosted sites, integration with several external antispam engines and services. See "Websites" section for my references.

1 recommendation available upon request

Programmer / Project Manager at Komputronik Sp. z o.o.

February 2005 - December 2006 (1 year 11 months)

I was responsible for internal and external analytics systems, and integration of ERP solutions. My main field of responsibility was an internal data warehouse solution, cooperating with several ERP instances at several business units in the whole country. Some examples of projects I managed are:

1. Komputronik Viper - scalable and extendable business process integration engine. Lightweight alternative to Microsoft BizTalk Server. Written in Visual Basic 6.0, able to cooperate with all popular database engines and network protocols. Used internally to integrate over 15 ERP instances, and planned as a platform for future projects for external customers.

2. Internal sales reporting systems, based on Oracle data warehouse built using Viper. Additionally I used to be in the team of 5 people implementing MAXeBiznes ERP system, and replacing over 15 instances of Symfonia Handel.

3 recommendations available upon request

Programmer / Administrator at Internet Cable Provider Sp. z o.o.

September 2004 - February 2005 (6 months)

I was one of key developers of the internal vindication application for "Grupa TKP", which is an association of most CATV providers in Poznań and the whole region (initiated by TKP S.A., which is one of the biggest providers and also the owner of Internet Cable Provider Sp. z o.o.).

I was responsible mainly for vindication rules (because of my experience at this field), and database development and administration (Red Hat Enterprise Linux, PostgreSQL).

Additionally I cooperated with CATV specialists in field of integration of vindication software with fully automatic management of subscribers' services.

Leading Programmer / CTO at Euronet Sp. z o.o.

July 2003 - October 2004 (1 year 4 months)

My main field of responsibility was an antivirus program "Euroscan", which development I managed as both project and team manager (almost 20 people overall), and additionally as a leading programmer and designer.

Also I was in charge of kernel-level integration of antivirus functionalities into Linux, Solaris, OpenBSD, and FreeBSD systems, and administration of these systems.

Additionally to Euroscan project, I dealt with management of all other company's activities (except sales

representatives' activities) in technical and financial fields.

My other competences included recruitment and cooperation with external companies and freelancers, and also cooperation with ClamAV open source antivirus project, to which I occasionally sent code for inclusion and wide testing.

Programmer at Troks International Sp. z o.o.

December 2002 - March 2003 (4 months)

I was responsible for development of polish vindication software for small vindication offices named "Egzekutor 2003" (used technologies: Borland C++ Builder 6.0, Borland Delphi 6.0, embedded MySQL) as analyst, designer and programmer.

Leading Programmer at HejNet Sp. z o.o.

July 2002 - November 2002 (5 months)

I was the designer and leading programmer of internet portal of promotions and sell-outs named "Bolero" (used technologies: TCL, MySQL). I managed a team of 4 people (including myself) in all technical fields.

As a result of project's success, in April 2003 I received an offer to become CTO in newly created Euronet Sp. z o.o. owned by the same investor.

I recommendation available upon request

Freelance Programmer at various companies

January 1999 - June 2002 (3 years 6 months)

I developed many solutions (mainly websites and mailing/messaging solutions) and managed many small servers (Linux, Windows NT4/2000) for various companies, especially in my home town.

The most interesting examples from these solutions were an auction site and banner rotation system, both written in ASP 2.0 using MS SQL Server.

Education

Politechnika Poznańska (Poznan University of Technology)

Master of Science, Information Technology, 2008 - 2010

Wyższa Szkoła Komunikacji i Zarządzania w Poznaniu

Engineer, Information Technology, 2003 - 2007

Zachodniopomorski Uniwersytet Technologiczny w Szczecinie

Information Technology, 2001 - 2003

Courses

Engineer, Information Technology

Wyższa Szkoła Komunikacji i Zarządzania w Poznaniu
Cisco CCNA

Software Architect, Programmer, MIH Distinguished Technologist

Allegro.pl
Professional Scrum Master I
ITIL Foundation v3
UML + Enterprise Architect (by Altkom)
Web application security (internal)
SEO (internal)

Programmer / Project Manager

Komputronik Sp. z o.o.
MAXeBiznes ERP

IT Director, Software Architect, Lead Administrator

Fajne.IT
Red Hat Certified System Administrator (RHEL6)

Honors and Awards

MIH Distinguished Technologist

MIH Group (Naspers subsidiary)
May 2011

The title of MIH Distinguished Technologist was set up to honour and reward outstanding achievements of IT engineers working in MIH Group companies all across the world.

2012 IT Product of the year

IT@BANK
November 2012

Award for both PayU SA team and Allegro team for payment with installments on Allegro.pl.

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5 people have recommended Tomasz

"Tomasz was a wonderful colleague to work with, we held many discussions about our projects, and he was giving me great insight on them, with many good ideas for each. I'd recommend Tomasz to anyone who's searching for a passionate, mind-opened developer."

— **Dariusz Siedlecki**, *Community support, Wikia, Inc.*, worked with Tomasz at Wikia Inc.

"Working with Tomasz, I found him a person with great experience and deep knowledge of IT solutions. Tomasz is a loyal, honest and hard working software engineer, as well as a precise, detail oriented team player, always ready to put all his energy and stamina to get the job done. While working in Komputronik Tomek was my SQL guru ;) he helped me find solutions to every problem I had. It was a great experience to work with Tomasz."

— **Dariusz Strozynski**, *Senior Developer, Komputronik S.A.*, worked directly with Tomasz at Komputronik Sp. z o.o.

"I have worked with Tomasz for a couple of months in the same room. In spite of the fact taht we were dealing with different projects in different departments Tomasz was always wery helpful and fully engaged with his tasks. I hope we could meet as coworkers in another company in future. #ukasz Balicki"

— **Lukasz Balicki**, *Head of teaching department, Komputronik*, worked with Tomasz at Komputronik Sp. z o.o.

"Tomasz is smart and comprehensive programmer. He concentrates his energy to solve the problem and create business functionality. It was pleasure to work with Tomasz."

— **Marek Muszak**, *Development Department Manager, Komputronik S.A.*, managed Tomasz at Komputronik Sp. z o.o.

"I worked with Tomek for a few months and I can prove, that he's always trying to really solve the problem, instead of just patching the hole, which seems to be a common practice in many companies. You will surely enjoy working with him."

— **Artur Karpunin**, *programmer, SABA Service*, worked directly with Tomasz at HejNet Sp. z o.o.