

# Iván Szkiba

## Software Engineer

Budapest Metropolitan Area HU

✉ [ivan@szkiba.hu](mailto:ivan@szkiba.hu) 📞 +36 30 7773532

🐙 [szkiba \(https://github.com/szkiba\)](https://github.com/szkiba) 🔗 [szkiba \(https://www.linkedin.com/in/szkiba\)](https://www.linkedin.com/in/szkiba)

🐦 [szkiba \(https://twitter.com/szkiba\)](https://twitter.com/szkiba)



I'm a software engineer who wants to be a craftsman in his profession one day.

### SKILLS

#### Go

master

#### Microservices

advanced

#### Dart

intermediate

#### JavaScript

master

#### Databases

advanced

#### Rust

beginner

#### Java

master

#### HTML/CSS

advanced

### WORK EXPERIENCE

Aug 2017 - Current

**System Architect** at NNG LLC

📍 Budapest, Hungary 🔗 <https://www.nng.com>

- System architect of navigation services
- Support and coach software architects
- Architect authentication/authorization/licensing related development
- Lead by example in software development, automated testing, documenting
- Evaluating and selecting technologies to use
- (Go, JavaScript, Java, HTML, CSS)

Jul 2022 - Mar 2023

**Head of Cloud Competence Center (interim role)** at NNG LLC

📍 Budapest, Hungary 🔗 <https://www.nng.com>

- Leader of 4 Engineering Managers (4 developer teams, 2 operation teams)
- Support and coach Engineering Managers
- Emphasis on Software Engineering
- Supporting the recruitment of a successor

May 2014 - Jul 2017

**Lead Software Architect** at NNG LLC

📍 Budapest, Hungary 🔗 <https://www.nng.com>

- System Architect of navigation related Enterprise Java development projects
- Leading the architecture team (3 java architects)
- Technical leader of 18 java developers and 3 test automation developers
- Evaluating and selecting new technologies
- Making technology related decisions
- Recruiting new java developers
- Managing code quality (measure, create quality profiles)
- Introduction of Continuous Delivery
- (J2EE, JavaScript, HTML, CSS, REST, Maven, SVN, Ant, Struts, Linux, PostgreSQL, Apache httpd, Jenkins, Sonar, JUnit, EasyMock, Mockito, JaCoCo, ANTLR)

Apr 2007 - Apr 2014

**Head of Platform Development** at NNG LLC

📍 **Budapest, Hungary** 🔗 <https://www.nng.com>

- Formation of server-side development teams
- Leading the development team (15 java programmers)
- Supervising the system administrator team (3 system administrators)
- Designing system architecture
- Evaluating and selecting technologies to use
- Recruiting new java developers
- Cooperating with project managers in a matrix structure
- Making technology related decisions
- (J2EE, JavaScript, HTML, CSS, REST, Maven, SVN, Ant, Struts, Linux, PostgreSQL, Apache httpd, Jenkins, Sonar, JUnit, EasyMock, Mockito, JaCoCo, ANTLR)

Jun 2001 - Mar 2007

**Head of Development** at Bonus Online Ltd

📍 **Budapest, Hungary**

- Architect and technical lead of Bonus.com development (was a popular kid web site in US)
- Technical leader of development team (6-10 java developers)
- Technical leader of system administrator team (2 Unix administrators)
- Creating system architecture (web, geographic DNS based load balancer, database)
- Recruiting new team members
- Making technology related decisions
- (Java Servlets, Tomcat, Apache httpd, MySQL, CVS, Ant, Struts, JSP, HTML, CSS, JavaScript)

Mar 1998 - May 2001

**Lead Software Developer** at Bonus Online Ltd

📍 **Budapest, Hungary**

- Developing key software components of Bonus.com (was a popular kid web site in US)
- Operation of 6-8 production servers (Solaris, Digital Unix, Linux) and several staging server
- Managing network and server security, firewalls
- Maintaining company email system
- (C/C++, Java Applets, PHP, Python, Unix shell scripts, RPM, APT, Digital Unix, Sun Solaris, Linux, FreeBSD)

Sep 1996 - Feb 1998

**Software Developer** at Bonus Online Ltd

📍 **Budapest, Hungary**

- Developed software components of Bonus.com (was a popular kid web site in US)
- (C/C++, HTML, CSS)

Sep 1996 - Feb 1998

**Unix System Administrator** at Bonus Online Ltd

📍 **Budapest, Hungary**

- Developed and administered company internal network and production web servers
- Design and implementation of company internet services and connections
- Design and implementation of network firewalls for company and for production servers
- Installation and operation of several different Unix systems
- Managing network and server security
- (Digital Unix, Linux, Cisco routers, Unix shell scripts, HTTP, SMTP, DNS, NTP, SSH, SSL, DHCP)

Aug 1991 - Aug 1996

**Assistant lecturer** at University of Debrecen (UD)

📍 **Debrecen, Hungary** 🔗 <https://unideb.hu/en>

- I taught programming languages (C/C++ and x86 assembly), object oriented programming and computer networks for programmers.
- (C/C++, x86 assembly, TCP/IP, Novell NetWare)

## PROJECTS

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**muxpress - Express.js like micro web framework for goja**

🔗 <http://ivan.szkiba.hu/muxpress/>

**xk6-dashboard - A k6 extension that enables creating web based metrics dashboard for k6.**

🔗 <https://github.com/szkiba/xk6-dashboard>

**xk6-prometheus - A k6 extension implements Prometheus HTTP exporter as k6 output extension.**

🔗 <https://github.com/szkiba/xk6-prometheus>

**xk6bundler - A CLI tool and GitHub Action makes bundle k6 with extensions as fast and easily as possible.**

🔗 <https://github.com/szkiba/xk6bundler>

**xk6-top - A k6 extension to updating the current k6 metrics summaries on the terminal during the test run.**

🔗 <https://github.com/szkiba/xk6-top>

**xk6-mock -A k6 extension enables mocking HTTP(S) servers during test development.**

🔗 <https://ivan.szkiba.hu/xk6-mock>

**ini4j - java api for handling windows ini file format**

🔗 <https://ini4j.sourceforge.net/>

**Production Information System for Kaba Sugar Factory**

Probably it was one of the first intranet applications, but at that time the term intranet was not introduced yet.

## EDUCATION

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1988 - 1991

**Bachelor's Degree, Computer Programming** at University of Debrecen

1986 - 1991

**Master of Science (MSc), Mathematics and Physics Teacher Education** at University of Debrecen

## LANGUAGES

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**English**

fluent

**Hungarian**

native speaker

## INTERESTS

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**blues music**

**play the harmonica**

**hiking**