Iván Szkiba

Software Engineer

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

SKILLS

Go
master

JavaScript
master

Java
master

Microservices
advanced

Databases
advanced

HTML/CSS
advanced

Dart
intermediate

Rust
beginner

WORK EXPERIENCE

Jul 2023 - Current
Senior Software Engineer II at Grafana Labs
📍 **Hungary** 🔗 https://www.grafana.com

- Member of k6 Ecosystem Team
- (Go, JavaScript, React, HTML, CSS)

Aug 2017 - Jul 2023
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

xk6-g0 - Write k6 tests in golang.
↗ https://github.com/szkiba/xk6-g0

xk6-output-plugin - Write k6 output extension as a dynamically loadable plugin using your favorite programming language.
↗ https://github.com/szkiba/xk6-output-plugin

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

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

English
fluent

Hungarian
native speaker

INTERESTS

blues music   **play the harmonica**   **hiking**