Papp László (nucc)

Email: papp.laszlo@bteam.hu

Twitter: @nucc

Blog: http://blog.bteam.hu

Github: http://github.com/nucc
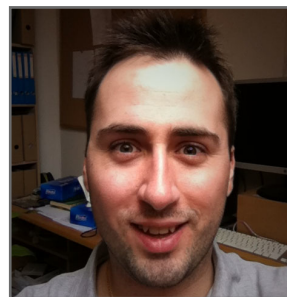
"My brain is open"

About Me

Agile, creative, continuously improves. Loves web developing, when the arts meet with software technology. Passionates to build large systems and improve processes in software and company too. Open for changes, loves Ruby.

Education and Qualification

2002 - 2008	**Msc. Computer Science** [1]
	Eötvös Loránd University, Budapest

Faculties:
- Information technology and data mining
- Software technology
- Parallel computing and scheduling
- Computer networks

Thesis:

Modeling concurrent programs with OPM [2]

Technical Summary

Web Developing	Ruby, Javascript, CSS3, HTML, XML, XSD, XSLT, Ruby on Rails, Sinatra, Padrino, PrototypeJS, jQuery, RSpec, Cucumber, Selenium, Capybara, SASL, HAML
Software Developing	C++, C, Java, Python, Erlang, Qt, Gtkmm, Google Test, glib, JUnit, Git, Ada
Technologies	Agile, Lean, Scrum, Kanban, TDD
Database managers	Oracle, Mysql, Postgresql, Mssql, Mongodb, NoSQL databases
Operating Systems	Linux (experiences in Gentoo and Debian), Apple OSX, iOS

Professional History

2013 july -

Ruby, Ruby on Rails projects
Sumup, Dublin

Architect and developer of the new SMS sending service. Improving operation quality, developing components in Ruby and Ruby on Rails.

Ruby, RabbitMQ, Design Patterns, SOA, SMPP

2012 september -
2013 july

Ruby, Ruby on Rails projects
Lucidity Digital, Dublin

Working on web engines, services and applications in Ruby and Ruby on Rails.

2011 june -
2012 august

Shell Intelligent Box [3]
Balabit IT Security, Research and developing center, Veszprém
Scrum master, developer, coach

Shell Intelligent Box is able to replay different network communications like a video recorder, or make alerts when insecure event happens on the wire. It's built into the market leader Shell Control Box (SCB) appliance.
I was responsible for launching the new research and developing center of the company, train the new comers, and build up a scrum team with own developing processes. I coached the team in TDD thinking, worked as scrum master and developer. Designed the architecture of the product, implemented the SSH, VNC, RDP replay engines and SSH command detector and alerting subsystem.

C++, Qt, Git, Debian packaging, UML, OOP Design Patterns, Google Test, Python

2011 october -

Veszprémi Technology Meetup [4]
Organizer

My goal was to reach software developers in Veszprém (Hungary), come together monthly and make discussions about new software technologies, ideas.

2010 january -
2011 june

Balabit Audit Player [5]
Balabit IT Security, Budapest
Scrum master, Developer

Audit Player is a Windows client to replay network audits created by Zorp firewall. Implemented the player engine for SCP and SFTP file transfer protocols, Citrix ICA and X11 graphical protocols. Introduced automated tests. Made and organized architectural changes in the software.

C++, Gtkmm, Git, Google Test

2010 october -
2010 december

Zorp Firewall [6]
Balabit IT Security, Budapest
Developer

Implemented the Microsoft Terminal Service Gateway Protocol (TSGW) to Zorp firewall. We created a generator to compile the interface definition language (IDL) to TSGW protocol processor (like how CORBA works).

C, GLib, XML, IDL, Compilers, Git

2008 october -
2009 august

Syslog-ng Store Box [7]
Balabit IT Security, Budapest
Developer, Designer

Syslog-ng Store Box is a web appliance for storing log messages gathered by syslog-ng. We built up a special debian based operation system (ZorpOS) with command line installer and web configuration interface. I was responsible for the search interface[8] and implemented the ORM layer to communicate with more database engines transparently.

PHP, CSS, PrototypeJS, XML, XSD, XSLT, Python, Bash, Git, Debian packaging, Mysql, Postgresql, Mssql, Logstore.

2008 march -
2009 december

Shell Control Box [9]
Balabit IT Security, Budapest
Developer, Designer

Shell Control Box is a web appliance for recording network communications and make authentication decisions.
I was responsible for Search interface to find contents in audit trails, filtering and creating statistics. Developed the widget library in smarty and the javascript layer of SCB.

PHP, CSS, PrototypeJS, XML, XSD, XSLT, Python, Bash, Git, Debian Packaging, Postgresql, Sphinx, Smarty

Personal Projects

2013 -

My.luc.ie [16]

Developer, Designer

MVC based console application framework. http://my.luc.ie

2011 - 2012

Check.it [10]

Developer, Designer

Code review tool, created to help the code review process at Balabit. http://nucc.github.com/check.it/

Ruby on Rails, jQuery, CSS, Git, RSpec

2010 - 2011

Have2do.it [11]

Developer, Designer, Ergonomic designer

Effected by Pomodoro technique, I created the have2do.it page to inspire people to reach their goals. On the website people can define goals and split them into tasks how they'd like to reach their goals. I used ideas from scrum developing method.

Ruby on Rails, jQuery, CSS, Git, OAuth, Capistrano, Design, Ergonomic

2009 august - 2010 march

Finding the shortest way on dynamic graph

Bonanza Team

Developer, Researcher

The goal was to find the optimal route from one point to another by public transport in Budapest. The problem was to find the transfer points knowing only the GPS coordinates of bus stops and find the shortest way at any time according to timetable information.

Ruby, SVG, XML, Javascript, HPricot

2008 summer

Simulator for OPM modeling language [12]

Developer, Researcher

My goal was to create a domain specific language to simulate concurrent state transitions on Object Process Methodology models. The result finally used in my Msc. thesis.

Ruby, Threading, OPM, Modeling

2007 summer	**Qt like programable UI framework in browser** [13] Developer Created a widget based application framework in Javascript using UI structures from Qt C++ framework. The demo application contained OSX like dock with magnification and a simple TicTacToe game. Javascript, Modeling
2006 december -	**Bonanza Team Server** System Administrator Bonanza Team is a group of very good friends. As a system administrator I'm responsible for PHP and Ruby on Rails hosting, mail service, code hosting, and different services like bug tracker. I created a special rack service, when Gentoo based iso builds run on a thin Debian layer using aufs. Postfix, Nginx, Passenger, Apache2, Aufs, Unionfs, DNS config, Munin, LDAP.
2006 july - 2011 july	**Zifi.hu** Developer, System Administrator, Support service Zifi was a website to help vagrant children by organizing programs. The site had forum and photo sharing service. The program organizers were able to register and schedule programs on the website. Ruby On Rails, CSS, PrototypeJS
2003 april - 2012 july	**Jogászbuli.hu** [14] Developer, System Administrator, Support service Jogászbuli.hu is a Hungarian party site for lawyers. Under the decade I created many software versions, first was written in PHP, after we rewrite the site in Ruby on Rails. Full-service hosting in the last 6 years (DNS, web hosting, email and newsletter services based on Linux) PHP, CSS, Javascript, Ruby on Rails, Mysql

1999 - 2002	**Forum.topic.hu** [15]
	Developer
	My first website in PHP to provide free forum service for Hungarian groups. I had 4000 users and 500 forum owners.

Presentations

Balabit Meetup	First Steps with Ruby
	Ruby on Rails
	How to create relationships in models
	Rails REST
	Ruby gems
	Modeling processes in OPM
Veszprémi Technology Meetup	Test Driven Development Experiences
	Have2do.it
Open Academy	Git - Step by Step
	Ruby language

You can find my presentations at slideshare/nucc.

Blog Posts

- Protected methods in objective-c
- Architecture of Bonanza Team server
- The role of C++ header files
- Test Driven Development - Meetup presentation
- Spec directory in Rails
- Using Sublime editor like Vim
- Alexander technique (Hungarian)
- Computer network for dummies (Hungarian)
- Erlang programming language (Hungarian)
- Another day with merb and merb-assets
- Datamapper and transactions
- Erubis
- My Slots plugin for Rails

You can find my posts at blog.bteam.hu.

Social Accounts

Twitter:	https://twitter.com/nucc
Github:	https://github.com/nucc
Stackoverflow:	http://stackoverflow.com/users/243183/nucc
Slideshare:	http://slideshare.com/nucc
Scribd:	http://www.scribd.com/plaszlo_1
LinkedIn:	http://hu.linkedin.com/pub/laszlo-papp/22/813/782

Personal Requirements

Linux or Apple OSX system (usable terminal application with POSIX commands).
Ergonomic working area.

Other Activities

1997 - 2002   **Tennis Trainer**

In a summer camp I taught playing tennis for six to
14-year-olds.

References

1. http://www.inf.elte.hu/english/Lapok/default.aspx
2. http://www.scribd.com/doc/33734869/Parhuzamos-rendszerek-modellezese-OPM-segitsegevel
3. http://www.naplo-online.hu/gazdasag/20110905_balabit_veszprem
4. https://www.facebook.com/veszpremimeetup
5. http://www.balabit.com/sites/default/files/documents/scb-v1.1-guide-admin-en.html/bap_rdpviewer.png
6. http://www.balabit.com/network-security/zorp-gateway/overview
7. http://www.balabit.com/network-security/syslog-ng/log-server-appliance/overview
8. http://czanik.blogs.balabit.com/files/2011/06/ssb.png
9. http://en.wikipedia.org/wiki/Shell_Control_Box
10. https://github.com/nucc/check.it
11. http://have2do.it
12. http://www.scribd.com/doc/33734869/Parhuzamos-rendszerek-modellezese-Object-Process-Methodology-segitsegevel#page=67
13. https://github.com/Nucc/bonanza-gui
14. http://www.jogaszbuli.hu
15. http://web.archive.org/web/20060902112239/http://forum.topic.hu/index.php4?page=stat&forumid=6&PHPSESSID=a7c48e81ae103b62b3d3b728b982847b
16. http://my.luc.ie