

📦 Right now, I primarily focus on microservices, web and Electron desktop applications (and Ionic for phones/tablets as well).

I have been practicing imaging applications and coding since I was small. I really like beautiful animation and structured programming.

Since about 2000, I have been using object-oriented and functional programming. By about 2001, I have been building diagrams and models. I like architect, Microsoft and alike tools.



Usually, I engineer web based systems but I deal with other applications as well. I like server, client, desktop, mobile, database and component methods. I architect simple solutions that are independent of operating system, language and framework.

What I like and do: analysis, architecture, test, build, continuous integration, code style, code review, documentation, deployment, code coverage, tasks, developer support, development operations (DevOps), distributed - co-operative systems and development.

Personal

Full name : Patrik Laszlo

Birth date : December of 8th 1978.

Web : <https://www.patrikx3.com/>

GitHub : <https://github.com/patrikx3>

NPM : <https://www.npmjs.com/~patrikx3>

Travis : <https://travis-ci.org/patrikx3/>

E-mail / G-Talk : alabard@gmail.com

Skype : nanoneuron

Mobile : +36 20 342 8046

Industry : Information Technology, Telecommunication

Role : Co-operative systems, Systems Architecture, Development Operations (DevOps) and hacking

Used languages : Hungarian and English

Programming : since 1984 | about 34 years

Business : since 1998 | about 20 years

Skill

Frameworks :

Electron, AngularJs, Angular TS, WebPack, SocketIO, Grunt, J2EE, .NET, ASP, ASP.NET/MVC, jQuery, ExtJs, CodeIgniter, Yii, SASS, LESS, NodeJs, Bootstrap, AngularJs Material, Angular Material 2

Language / Markup :

TypeScript, Javascript, Java, PHP, C#, C, HTML, CSS, VBScript, C++, SQL, Visual Basic, Android, Basic, Assembly, Pascal, Perl, XPath, XSL, XML, JSON, NoSQL

Methodologies :

UML, design patterns, web, mobile, desktop, server, test driven development, model driven development, SOA, extreme programming, pair programming, asynchronous programming, continuous integration

Databases :

Redis, MongoDB, MySQL, MariaDB, Microsoft SQL Server, PostgreSQL, Tamino XML Server

Applications :

Docker, Jenkins, Enterprise Architect, Microsoft Project, Eclipse, Visual Studio, IntelliJ IDEA, Photoshop, Illustrator

Process development :

Scrum, Agile, Rational Unified Process, Iterative, Development Operations (Dev Ops)

 **Education**

College of Donát Bánki

Computer Science
1999

Technical University of Hungary

Electronic Engineering
1997 - 1999

 **Employer**

Sygnus

 10/20/2016

Co-operative systems. New generation integrated enterprise management system. I support the developers and architect. Lots of components. I implemented continuous integration - Jenkins / Mocha / Protractor and build deployments. I overview the system and develop.

Projects : Adony Logisztikai Központ | NG-IVR

DuóVill

 04/01/2018

Architect. Planning, Automation, Development, Developer support. Enterprise resource planning system development based on NGIVR Sygnus on 04/18/2018.

Projects : NG-IVR

Corifeus

16 years 19 days | 10/01/2000 - 10/19/2016

I am a contractor. I use multiple languages including from scripts to binary platforms. I use usually 2-3 projects and about 5 people at once. The budget is between \$500 - \$50,000. I use rational unified process and UML.

Projects : FruitMarketing | GoSignMeUp | MadTatu | Saw4U | Webdialogue.eu | Rakit Inc. Casino Game | One Source Industries | Bizware Online Applications | Aqua Software | EMS Consulting | Hobson Seats | Quality Service Certification Inc. V2 | Infiniti of Montclair | Quality Service Certification Inc. | EmployCo Inc. | Vista View Imagery

ClickAndLike7 months 19 days | **03/01/2016 - 10/19/2016**

I have worked various platforms, languages and frameworks including PHP, NodeJs, Java and Android. Mentoring.

Projects : Bank360 | Valdemor Alfresco CMS | Radio 1 Android Stream | RHExpat | Bikemaraton Bicycle | Treeday.NET

GoSignMeUp3 years 6 months | **08/01/2011 - 02/01/2015**

Software Architect. Architect the next generation of class management system on top of the existing in SOA and re-design the ASP system in .NET MVC with a choice of freely chosen tools.

Projects : GoSignMeUp

Dotbox1 year 5 months | **02/01/2011 - 07/01/2012**

Senior Software Engineer. Backend development. To help in the development of the 4CSX product, related projects and experimental features. Key responsibilities and accountabilities: Producing new features, Fixing bugs in any product, Testing existing or newly developed features, General software development tasks including databases, web applications, back-end systems and integrated components.

Projects : Dotbox

Grosvenor Enterprises9 years | **06/01/2001 - 06/01/2010**

I was a contractor using usually Microsoft (ASP, VbScript, .NET, C), SQL server and Java.

Projects : International Regency | Grosvenor Enterprises

Infomatix2 months 4 days | **08/01/2008 - 10/04/2008**

I was a senior software engineer for Microsoft Excel / SQL Analysis integration.

Projects : Natick | Procter & Gamble

EPAM2 years 9 months | **06/01/2005 - 03/01/2008**

My roles included developer, team developer and project manager. I used .NET, Java and Scrum.

Projects : Global Aerospace Canada | Microsoft Visual Studio Orcas Welcome Center | Microsoft Dynamics Controls | Wild.NET Insurance Platform
Global Aerospace

Stamp1 year | **08/01/1999 - 08/01/2000**

IT Manager. Network support, systems development, accounting, apparel design and development, manufacturing.

Projects : IT Manager

Kraft Jacobs Suchard

4 months | **10/01/1998 - 02/01/1999**

Y2K Project Coordinator. Project coordination, testing and reporting.

Projects : Y2K KJS

Trilobita Software

4 months | **06/01/1998 - 10/01/1998**

Project Engineer. Project development, implementation, testing, quality assurance and reporting. Hardware testing and software testing of National bank systems (Hungarian State Treasury and Savings Bank).

Projects : Y2K

Projects


Note: This is an overview and doesn't include the complete list. Some of the programming (mostly e-commerce) and most of the visual design and animation related projects have been taken out to make the list "shorter". We are usually running multiple projects simultaneously which extends the list fast.

2015 - Now

Sygnus | Adony Logisztikai Központ



Location: Hungary, Dunaújváros

Date: 11/13/2018 - 

Role: Architect

Tasks: Planning, Automation, Development, Developer support

Technology: NodeJs, AngularJs, AngularJs Material, MongoDB, JavaScript, Socket.IO, Observable, Redis, NGINX, GIT


Summary: Enterprise resource planning system development based on NGIVR Sygnus on 11/03/2018.

Picture: [1](#), [2](#)

DuóVill | NG-IVR



Location: Hungary, Dunaújváros

Date: 04/01/2018 - 

Role: Architect

Tasks: Planning, Automation, Development, Developer support

Technology: NodeJs, AngularJs, AngularJs Material, MongoDB, JavaScript, Jenkins, Socket.IO, Observable, Redis, NGINX, GIT


Summary: Enterprise resource planning system development based on NGIVR Sygnus on 04/18/2018.

Picture: [1](#), [2](#)

Sygnus | NG-IVR



Location: Hungary, Dunaújváros

Date: 10/20/2016 - 

Role: Co-operative systems

Tasks: Mentoring, Planning, Automation, Development, Developer support

Technology: NodeJs, AngularJs, AngularJs Material, MongoDB, JavaScript, ES.Next, Babel, Jenkins, Upsource, Docker, Socket.IO, Observable, Redis, NGINX, GIT, Ubuntu, NPM, Verdaccio, Electron

Summary: New generation integrated enterprise management system. I support the developers and architect. Lots of components. I implemented continuous integration - Jenkins / Mocha / Protractor and build deployments. I overview the system and develop.

Picture: [1](#), [2](#), [3](#), [4](#), [5](#)

Corifeus | FruitMarketing



Location: Hungary, Dunaújváros

Date: 08/01/2015 - 10/19/2016 | **1 year 2 months 19 days**

Role: Contractor

Tasks: Maintenance

Technology: PHP, MySQL, Joomla

Link: <http://ezerkert.hu/>, <http://fruitinfo.hu/>, <http://fruitmarketing.hu/>

Picture: [1](#), [2](#)

Corifeus | GoSignMeUp



Location: Hungary, Dunaújváros

Date: 08/01/2015 - 10/19/2016 | **1 year 2 months 19 days**

Role: Contractor

Tasks: Maintenance

Technology: JAVA, .NET, Blackboard

Summary: I have implemented multiple integration like Blackboard, Canvas, Google, Haiku, Lti. They all use REST, except Blackboard which is Java based and the programmers use are .NET, so I have to help them. I worked them as a employee for over 3 and a half years.

Picture: [1](#), [2](#)

ClickAndLike | Bank360



Location: Hungary, Dunaújváros

Date: 07/29/2016 - 10/19/2016 | **2 months 22 days**

Role: Senior Software Engineer

Tasks: Bank calculations, Drupal module, Database design, Frontend, Backend

Technology: PHP, Drupal, MySQL, JavaScript

Summary: To compare several banks, such as bank account, credit, loans and savings. The credit calculation is relatively complex, because there is no linear formula. There was a final result and formula, we had to find the zero outcome (goal seek).

Picture: [1](#), [2](#), [3](#), [4](#), [5](#)

ClickAndLike | Valdemor Alfresco CMS



Location: Hungary, Dunaújváros

Date: 06/01/2016 - 10/19/2016 | 4 months 19 days

Role: Senior Software Engineer

Tasks: Hungarian translation, Chat, Anonymous upload

Technology: J2EE, Java, PostgreSQL, Ejabbered, Alfresco Community, ConverseJs

Summary: There was only english Alfresco working well. I had to create the new translations in hungarian. Also it was only availbale for our clients, not everyone, private. The other solution was to create an internal system for chatting. I used Ejabbered XMPP server where I integrated Alfresco using the ConverseJS JavaScript client so that everything became automatic. The other task was to make the user to be able to upload files without login with a URL. I created a key that was to validate the URL using AES 256 bit.

Picture: [1](#), [2](#), [3](#), [4](#), [5](#)

ClickAndLike | Radio 1 Android Stream



Location: Hungary, Dunaújváros

Date: 05/01/2016 - 09/18/2016 | 4 months 18 days

Role: Senior Software Engineer

Tasks: GUI, Stream services, notification

Technology: Android

Summary: I was appointed to create the Radio 1 Stream using a notification bar that can be done with the lock GUI as well. I had to squeeze the program into 16MB memory.

Link: <https://play.google.com/store/apps/details?id=radio1.radio1streamapplication>

Picture: [1](#), [2](#), [3](#), [4](#)

ClickAndLike | RHEXpat

Location: Hungary, Dunaújváros

Date: 03/01/2016 - 06/21/2016 | 3 months 21 days

Role: Senior Software Engineer

Tasks: Bugs, new features

Technology: PHP, CodeIgniter, MySQL, jQuery, Bootstrap

ClickAndLike | Bikemaraton Bicycle

Location: Hungary, Dunaújváros

Date: 04/01/2016 - 06/09/2016 | 2 months 9 days

Role: Senior Software Engineer

Tasks: Bugs, new features

Technology: PHP, Yii2, MySQL, jQuery, Bootstrap, Android

Summary: Human Resources data information portal / application.

ClickAndLike | Treeday.NET

Location: Hungary, Dunaújváros

Date: 04/01/2016 - 05/01/2016 | 1 month

Role: Senior Software Engineer

Tasks: Bugs, new features

Technology: NodeJs, Angular, PostgreSQL

2010 - 2015

GoSignMeUp



Location: Hungary, Balassagyarmat - Dunaújváros

Date: 08/01/2011 - 02/01/2015 | 3 years 6 months

Role: Software Architect

Tasks: Architect the next generation of class management system on top of the existing in SOA and re-design the ASP system in .NET MVC with a choice of freely chosen tools

Technology: Ext/Sencha, ASP, VBScript, SOA, JSON, JavaScript, AJAX, .NET, C#, SQL Server, JAVA

Youtube: <https://www.youtube.com/watch?v=PHZpXK3er48>

Picture: [1](#), [2](#), [3](#), [4](#), [5](#)

Dotbox



Location: Hungary, Dunaújváros

Date: 02/01/2011 - 07/01/2012 | 1 year 5 months

Role: Senior Software Engineer

Tasks: Backend development

Technology: C#, SQL, .NET, MVC 4, Azure, Lucene.NET

Summary: To help in the development of the 4CSX product, related projects and experimental features. Key responsibilities and accountabilities: Producing new features, Fixing bugs in any product, Testing existing or newly developed features, General software development tasks including databases, web applications, back-end systems and integrated components.

Youtube: <https://www.youtube.com/watch?v=zEkOa67OWpQ>

Corifeus | MadTatu

Location: Hungary, Dunaújváros

Date: 08/01/2009 - 10/01/2010 | 1 year 2 months

Role: Senior Software Engineer

Tasks: Module development and development

Technology: Javascript, jQuery, PostgreSQL, MySQL, CodeIgniter

2005 - 2010

Corifeus | Saw4U



Location: Hungary, Dunaújváros

Date: 09/01/2009 - 10/01/2009 | 1 month

Role: Contractor

Tasks: Design the web look and debug the web application

Technology: Javascript, jQuery, PHP, MySQL

Youtube: <https://www.youtube.com/watch?v=kIARa4hG6yQ>

Corifeus | Webdialogue.eu



Location: Hungary, Dunaújváros

Date: 08/01/2009 - 03/01/2010 | 7 months

Role: Contractor

Tasks: Webdialogue Joomla site maintenance www.community-intelligence.com maintenance and upgrade, <http://www.euro-intelligence.eu> site design

Technology: Javascript, jQuery, PHP, Joomla, MySQL

Link: <http://www.community-intelligence.com>, <http://www.euro-intelligence.eu>

Youtube: http://www.youtube.com/watch?v=1hFc0_9mB1c

Grosvenor Enterprises | International Regency



Location: Hungary, Dunaújváros

Date: 11/01/2008 - 05/01/2009 | 6 months

Role: Contractor

Tasks: A full AJAX-SOA application to administer a bank system web site.

Technology: Javascript, jQuery, VBScript, SOA, JSON

Youtube: <http://www.youtube.com/watch?v=3o-vLvw4tSA>

Grosvenor Enterprises

Location: USA / Magyarország

Date: 06/01/2001 - 06/01/2010 | 9 years

Role: Contractor

Tasks: MediaBlend products– GoSignMeUp, GoSiteBuilder, GoWebStore - maintenance and development, product and API design, Blackboard integration with MediaBlend GoSignMeUp educational system , LDAP Integration of GSMU, NBC Universal, Blackboard integration

Technology: C/C++, ASP, VBScript, Visual Basic, .Net, Java, C#, IIS, JavaScript, HTML, CSS, COM, AJAX, SOA, Web 2.0

Infomatix | Natick

Location: Hungary, Budapest

Date: 10/01/2008 - 10/04/2008 | 4 days

Role: Senior Software Engineer

Tasks: Develop a color textile color recognition system for clothing manufacturing for Hugo Boss.

Technology: ASP.NET 3.5, Hardware programming, Web 2.0

Infomatix | Procter & Gamble

Location: Hungary, Budapest

Date: 08/01/2008 - 10/01/2008 | **2 months**

Role: Senior Software Engineer

Tasks: Help and support the software engineers, complex tasks, Excel add-in development, OLAP decision support systems

Technology: SQL Analysis Server 2000, MDX, .NET 2.0, Visual Studio Tools for Office

EPAM | Global Aerospace Canada

Location: Hungary, Budapest

Date: 07/01/2007 - 03/01/2008 | **8 months**

Role: Software Development Engineer

Tasks: Maintenance, development, bug fixing, system design improvements

Technology: .NET, nHibernate, SQL Server, SVN, AJAX

Summary: Aerospace insurance system.

EPAM | Microsoft Visual Studio Orcas Welcome Center

Location: Hungary, Budapest

Date: 04/01/2007 - 07/01/2007 | **3 months**

Role: Software Development Engineer

Tasks: Implement a secure welcome center feature for the latest Visual Studio product.

Technology: Visual C++ Orcas

Summary: Welcome center feature for Visual Studio Orcas.

EPAM | Microsoft Dynamics Controls

Location: Denmark, Vedbæk

Date: 11/01/2005 - 04/01/2006 | **5 months**

Role: Software Development Engineer / Team leader

Tasks: Analysis, design, development and testing of controls as a consultant

Technology: .Net 2.0, Microsoft Business Framework, Visual Studio 2005, Microsoft SQL Server 2005, SNAP, SCRUM

Summary: Microsoft Business Framework controls development.

EPAM | Wild.NET Insurance Platform Global Aerospace

Location: Hungary, Budapest

Date: 06/01/2005 - 06/01/2007 | **2 years**

Role: Software Development Engineer / Project Manager

Tasks: Maintenance, development, bug fixing, project delivery, customer relationship management, training

Technology: J2EE, Tamino XML Db, XML, XSL, Visual Basic, Windows Server Technologies, JRun, Eclipse, AJAX

Summary: System consists of 3 servers: application, document and database server.

Corifeus | Rakit Inc. Casino Game

Location: Hungary, Budapest

Date: 08/01/2005 - 10/01/2005 | 2 months

Role: Contractor

Tasks: Analysis, quality assurance

Technology: J2ME framework, Nokia, Ericsson, Motorola

Summary: J2ME based casino game.

1998 - 2005

Corifeus | One Source Industries

Location: USA, California

Date: 01/01/2004 - 08/01/2004 | 7 months

Role: Contractor

Tasks: Integration with Mas90 accounting, extensions, automation, bug fixing.

Technology: Microsoft IIS, Microsoft SQL Server, Windows 2003 Server, ASP/VBScript, ADO, JavaScript, HTML, CSS

Corifeus | Bizware Online Applications

Location: USA, California

Date: 01/01/2003 - 03/01/2003 | 2 months

Role: Contractor

Tasks: Design and implementation of a .Net client library.

Technology: Microsoft .Net

Corifeus | Aqua Software

Location: USA, California

Date: 07/01/2002 - 09/01/2002 | 2 months

Role: Project manager

Tasks: Advertisement, branding, marketing presentation development utilizing cheap overseas resources

Technology: Flash, Director

Corifeus | EMS Consulting

Location: USA, California

Date: 07/01/2002 - 08/01/2002 | 1 month

Role: Contractor

Tasks: Health insurance data integration

Technology: Java, SWING

Picture: [1](#)

Corifeus | Hobson Seats

Location: USA, California

Date: 06/01/2002 - 08/01/2002 | **2 months**

Role: Project manager

Tasks: Advertisement, branding, box design, outsourcing

Technology: ASP, VBScript, Access, JavaScript, HTML, CSS

Flash: [hobson-banner](#)

Corifeus | Quality Service Certification Inc. V2

Location: USA, California

Date: 01/01/2002 - 12/01/2002 | **11 months**

Role: System Architect

Tasks: Design, implementation, documentation, test, deployment, support of system, integration with major GMAC real estate companies, RUP / UML, CVS, management of 3 additional developers

Technology: Windows 2000 Server, Microsoft SQL Server, Access, Excel, IIS, C#, .Net, N-tier, JavaScript, HTML, CSS

Corifeus | Infiniti of Montclair

Location: USA, California

Date: 09/01/2001 - 10/01/2001 | **1 month**

Role: Project Manager

Tasks: Design, implement a Flash mailer that connects to a J2EE application for mass mailing

Technology: Flash, J2EE, Windows 2000 Server, Resin Server, JavaScript, HTML, CSS

Picture: [1](#)

Corifeus | Quality Service Certification Inc.

Location: USA, California

Date: 06/01/2001 - 02/01/2002 | **8 months**

Role: Software Development Engineer

Tasks: Real Estate agent search engine web application

Technology: ASP, VBScript, Access, JavaScript, HTML, CSS

Picture: [1](#)

Corifeus | EmployCo Inc.

Location: USA, California

Date: 01/01/2001 - 03/01/2001 | **2 months**

Role: Project manager

Tasks: Advertisement, Flash presentation, new web based look utilizing cheap overseas resources

Technology: Flash, Director, HTML, JavaScript

Corifeus | Vista View Imagery

Location: USA, California

Date: 10/01/2000 - 10/01/2002 | **2 years**

Role: Software Development Engineer

Tasks: Multi-lingual portal web applications (search engine, chat, matchmaking), internationalization, data mining applications, general purpose Java Swing libraries, Mnogosearch search engine bug fixes.

Technology: PHP, Perl, C/C++, MySQL, FreeBSD, Linux, Windows, PostgreSQL, Java, JavaScript, HTML, CSS, UML

Stamp | IT Manager

Location: USA, California

Date: 08/01/1999 - 08/01/2000 | **1 year**

Role: IT Manager

Tasks: Network support, systems development, accounting, apparel design and development, manufacturing.

Technology: Windows, AIMS, QuickBooks, PHP, MySQL

Picture: [1](#), [2](#), [3](#)

Kraft Jacobs Suchard | Y2K KJS

Location: Hungary, Budapest

Date: 10/01/1998 - 02/01/1999 | **4 months**

Role: Y2K Project Coordinator

Tasks: Project coordination, testing and reporting.

Technology: HP-Ux, Novell NetWare, Windows family, DOS

Trilobita Software | Y2K

Location: Hungary, Budapest

Date: 06/01/1998 - 10/01/1998 | **4 months**

Role: Project Engineer

Tasks: Project development, implementation, testing, quality assurance and reporting. Hardware testing and software testing of National bank systems (Hungarian State Treasury and Savings Bank)

Technology: Dec Unix, HP-Ux, AIX, Sco UNIX, Novell NetWare, Mac OS, Linux, Sun Solaris, Windows family, DOS
