

 **Nota bene:** Simple put, what does programming mean? **Passion**

You could find me on [GitHub](#) and you may check out my micro-services on [Corifeus](#). Today, I mostly work with NodeJs, Angular Material and based Linux servers, but I learn / create new languages, frameworks and systems.

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

I have been using object-oriented programming since 2000. I started using functional programming about since 2005 with JavaScript.

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 do: analysis, architecture, test, build, continuous integration, code style, code review, documentation, deployment, code coverage, tasks, support, mentoring, development operations (DevOps), distributed - co-operative systems and development aka **full-stack / frontend / devops**.

Personal

Full name : Patrik Laszlo

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

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

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

Codersrank : <https://profile.codersrank.io/user/p3x-robot/>

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

Skype : nanoneuron

Mobile : +36 (20) 342-8046

Industry : Information Technology, Telecommunication

Role : Full-stack / Frontend specialist / DevOps Programmer

Used languages : Hungarian and English

Skill

Frameworks :

Material UI, Tailwind CSS, ReactJs, Electron, AngularJs, Angular, NodeJs, Bootstrap, AngularJs Material, Angular Material/Components, SASS, LESS, WebPack, Socket.IO, Grunt, J2EE, .NET, ASP, ASP.NET/MVC, jQuery, ExtJs, Codelgniter, Yii

Language / Markup :

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

DevOps :

Docker, Jenkins, NGINX, SSH, NextCloud, Let's encrypt, HTTPS, SSL, Shell / Bash, SystemD, Dovecot, Samba AD DC, Bind, Cron, Fail2Ban, Postfix, LDAP, OpenWRT, Wireguard, OpenVPN, RSync

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

Architecture / IDE / Design :

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

Process development :

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

Experience with less than 1 year :

GraphQL, Terraform, Ansible, Kubernetes, AWS, WebAssembly, Rust, NextJs, Python, Vue, Nuxt, Svelte

 **Education**

College of Donát Bánki

Computer Science
1999

Technical University of Hungary

Electronic Engineering
1997 - 1999

 **Company**

Corifeus

21 years 4 months 17 days | **10/01/2000 - 02/17/2022**

I am a full-stack / devops programmer. I use multiple languages including from scripts to binary platforms. I like servers and clouds.

Projects : Classy Edu Team Frontend | Nuaxia & elementary-ai | Afraid FreeDNS | 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, AngularJs, 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**

Enterprise 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 Developer. 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 : Naticf | 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**

2020 - Now

 **Corifeus | Classy Edu Team Frontend**

Location: Hungary, Dunaújváros

Date: 11/04/2021 - 02/17/2022 | 3 months 14 days

Role: Frontend Programmer Contractor

Tasks: New features, bugfix

Technology: Angular, Angular Material

Summary: E-learning system frontend work.

 **Corifeus | Nuaxia & elementary-ai**

Location: Hungary, Dunaújváros

Date: 01/19/2019 - 07/24/2020 | 1 year 6 months 6 days

Role: Senior Frontend Contractor

Tasks: Frontend development, charts, video

Technology: Angular, Angular Material, Highcharts, Web worker, Deferred rendering, Vertical scaling

Summary: Enterprise frontend guidance counsellor.

2015 - 2020

 **Corifeus | Afraid FreeDNS**



Location: Hungary, Dunaújváros

Date: 05/01/2017 - 08/01/2017 | 3 months

Role: Senior Frontend Developer

Tasks: Web page

Summary: I haven't had more free domains, so I helped the FreeDns Afraid system, so I got more free 50 sub-domains / domain.

Link: <https://afraid.patrikx3.com/>

Corifeus | FruitMarketing

Location: Hungary, Dunaújváros

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

Role: Senior Full-stack Developer

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: Senior Full-stack Developer

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 Full-stack Developer

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 Full-stack Developer

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 Full-stack Developer

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 Full-stack Developer

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 Full-stack Developer

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 Full-stack Developer

Tasks: Bugs, new features

Technology: NodeJs, AngularJs, PostgreSQL

2010 - 2015

GoSignMeUp



Location: Hungary, Balassagyarmat - Dunaújváros

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

Role: Enterprise 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 Developer

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 Developer

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=klARa4hG6yQ>

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 / Hungary

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 | Natic

Location: Hungary, Budapest

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

Role: Senior Software Developer

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 Developer

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 Developer

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 Developer

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 Developer / Team leader

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

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 Developer / 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.

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 Developer

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 Developer

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