

Patrik Pfaffenbauer | p3-software | <https://www.p3-software.eu>

# Curriculum vitae

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## About me

Name: Patrik Pfaffenbauer

Birthday: 24.03.1991

City of birth: Wels

Citizenship: Österreich

## Education/Experience

- 1997-2001 Volksschule Marchtrenk
- 2001-2005 Hauptschule 2 Marchtrenk
- 2005-2006 HTL Leonding für EDV
- 2006-2007 PTS Marchtrenk
- 2007-2009 Lehre als ITI bei Crazy Team
- 2010-2011 Software Development bei mann&mouse IT Services
- 2011-2011 Präsenzdienst
- 2011-2016 Software Development bei BeKa Software
  - Hausautomatisierung – Smart Home Solutions ([www.SystemTera.com](http://www.SystemTera.com))
  - Embedded Linux (QT 4.8.2, Gentoo)
- 2017-2019 Teamleiter Software Development bei NETxAutomation
  - Gebäudeautomatisierung ([www.netxautomation.com](http://www.netxautomation.com))
  - .NET, C++, Angular
- Seit 2019 Selbstständig
  - p3-software (<https://www.p3-software.eu>)

## Know-How/Knowledge

### Programming-Languages/Frameworks

- C# .NET
- .NET Core (>= 2.0.0)
- ASP.NET
- EF & EF Core
- WPF und XAML
- JavaScript/ Typescript (jQuery, Angular >= 2)
- HTML, CSS
- C/C++ 98/11/14/17 ( + Qt >= 4.8.2 & >= 5.9)

### Databases

- MSSQL
- MySQL/MariaDB
- SQLite

### Cloud

- Microsoft Azure
- Amazon Web Services

### DevOps

- Azure DevOps

- Jenkins
- Bitbucket Pipelines

## Additional Know-How

### Building Automation

- KNX (ETS5)
- OPC (UA/DA)
- CAN
- ModBus
- MBus
- OMS
- EnOcean
- Homematic
- 1-Wire
- Loxone (+ Extensions)
- eBus
- DALI
- IoT (Mqtt, Coap, IFTTT, ...)

### Blockchain

- Bitcoin
- Ethereum
- IPDB (BigchainDB)
- IPFS

### Languages

- Englisch in Wort und Schrift

### Some more

- Embedded Development (C/C++, Arduino, Atmel, Linux ARM)
- Linux Kernel
- Motorcycle
- American Football

## Open Source Projekt

- Smart home – bulding automation
  - Linux Raspberry PI
  - .NET Core
  - Angular 9
  - SQLite, MariaDB
  - Docker
  - Azure Devops
  - Sonarcloud
  - Github
  - ....
- See more here <https://github.com/automatica-core> & <https://www.automaticacore.com>

## Referenzen

Find some more coding stuff from me on my github page:

<https://github.com/p3root>

## Recently Read Books

- Clean Code/Architecture/Coder/Agile  
Robert C. Martin
- Lean Startup  
Eric Ries
- Mastering Bitcoin/Ethereum  
Andreas Antonopoulos
- So läuft Start-up  
Florian Gschwandtner
- The Hard Thing About Hard Things  
Ben Horowitz