

# Tomasz Budrewicz

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**Full-stack & embedded engineer** with 14 years of experience (over 9 years commercial)

- 507-293-714
- wendro@wp.pl
- born in '86
- lives in Warsaw

## Core skills

### Back-end

- C# .NET Core
- Node.js with Typescript
- PHP

### Front-end

- React.js with Typescript
- Angular 2+
- jQuery

### Embedded

- C/C++ for STM32, AVR and PIC
- Raspberry Pi; IoT
- Bash, Python
- PCB and 3D print design

## Known technologies and other important things

- DDD, TDD
- CQRS, DI, ES
- SOLID, KISS, DRY
- MySQL, EntityFramework, MongoDB, Firebase
- REST, SOAP, CQRS Bus, Sockets
- Redux, MobX, RxJS
- JWT, Regex
- NPM, Webpack, Parcel
- xUnit, Moq, jest
- SASS, Bootstrap, Material-UI

## Work history

- 05.2018 - till now - **Societe Generale** (Bank)  
*C#.NET Core Developer*

#### Tasks:

- Banking system maintenance (C#.NET Core)
- 10.2017 - 04.2018 - **GogoApps** (Web development)  
*Full-stack Node.js and C#.NET Developer*

#### Projects:

- Kind of Uber for Heavy Trucks (backend side: Node with Typescript, DI, CQRS etc.)
- Cooling system management panel (fullstack: React and Node with Typescript)
- 09.2015 – 09.2016 - **Medmia** (Medical equipment)  
*C/C++ Developer*

#### Tasks:

- Infusion pumps developing (C/C++)
- 03.2013 – 06.2015 - **Omtech** (Security devices)  
*Designer and C, C# programmer*

#### Projects:

- GSM/GPS tracking system (C; AVR8)
- Building security system (C; STM32)
- Many service terminals (C#, WinForms)
- 03.2008 – 09.2012 - **SpecTeam** (Spying gadgets)  
*Embedded C and PHP Web Developer*

#### Projects:

- Infinite range spying cameras system (Python, Bash)
- Wireless cameras receiver website (PHP, jQuery)
- Many experimental devices (C; AVR, PIC)

## Best non commercial projects

- web: [www.github.com/tBlabs](http://www.github.com/tBlabs)
- embedded: [www.projekty.specteam.pl/tBlabs](http://www.projekty.specteam.pl/tBlabs)

## Education

- 03.2004 - 09.2008 - **Polytechnic in Białystok**
- 02.2017 - till now - participant in many workshops (also as a trainer)

## Languages

- English (B2/C1)
- Polish (native)

## Programs knowleage

Visual Studio [Code] (+Vim), SoapUI, Postman, Eclipse, GIT, SVN, FreeCAD, GIMP, Notepad++, Jira, Code Collaborator & Many embedded stuff.

## About me

Design patterns lover.

Like to work alone and in small teams.

I often attend at programmers meetups (WarsawJS, WG.NET, etc). I was a speaker and workshop trainer few times.

Drive-license A & B.

Hobbies: programming & electronic design; swimming and [motor]bike riding.

## More at

- [www.linkedin.com/in/tomasz-budrewicz-b5066ab2/](https://www.linkedin.com/in/tomasz-budrewicz-b5066ab2/)
- My prelection: [www.youtube.com/watch?v=b54ivdZ4zfc](https://www.youtube.com/watch?v=b54ivdZ4zfc)
- My embbeded inventions: [www.projekty.specteam.pl/tBlabs](http://www.projekty.specteam.pl/tBlabs)
- Web projects: [www.github.com/tBlabs](https://www.github.com/tBlabs)

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