

Tomasz Budrewicz

Full-stack & embedded engineer with 12 years of experience (over 8 years commercial)

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- 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 and Python
- PCB and 3D print design

Known technologies and other important things

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

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 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-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 and 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
- embedded: 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)

Currently learning

- Azure @ chmurowisko.pl
- DDD @ Evans book
- EF Core @ work

Languages

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

Programs knowleage

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

My dream stack

- C#.NET Core (WebApi) @ Linux
- React with Typescript | Angular 2+
- Node.js with Typescript

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/
- My prelection: www.youtube.com/watch?v=b54ivdZ4zfc
- My embbeded inventions: www.projekty.specteam.pl/tBlabs
- Web projects: www.github.com/tBlabs