Tomasz Budrewicz

Full-stack & embeedded engineer with 14 years of experience (over 10 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
- Rasperry Pi; IoT
- Bash and Python
- PCB and 3D print design

Known technologies and other important things

- MongoDB, MySQL, Firebase, EntityFramework
- REST, SOAP, 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 Node.ts 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
- 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)

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