

Tomasz Budrewicz

Full-stack & embeedded engineer with 15 years of experience (over 11 years commercial)

- 507-293-714
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- born in '86
- Warsaw, Poland

Core skills

Back-end

- C# .NET Core, ASP.NET MVC
- Node.js with Typescript
- PHP
- Azure basics

Front-end

- Javascript (ES6+), Typescript
- React.ts
- Angular 2+
- jQuery
- HTML, CSS
- Blazor basics

Embedded

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

General

- Bash, PowerShell, Python
- Windows, Linux
- Jenkins, TeamCity, Octopus

Known technologies and others

- TDD, DDD
- CQRS, DI, ES
- SOLID, KISS, DRY
- MySQL, MsSQL, EntityFramework, MongoDB, Firebase
- REST, SOAP, CQRS Bus, Sockets

- Redux, MobX, RxJS
- JWT, Regex
- NPM, Webpack, Parcel, lint
- xUnit, Moq, Shoudly, jest, moq.ts
- SASS, Bootstrap, Material-UI

Work history

- 01.2019 - till now - **Dentsu Aegis Network** (Software house)
.NET Technical Leader

Tasks:

- Tech Leader stuff (tasks sharing, team mentoring etc)
- .NET apps architect
- .NET and Javascript team mentor

- 05.2018 - 12.2018 - **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 (Node with Typescript)
- Cooling system management panel (React; Node with Typescript)

- 09.2015 – 09.2016 - **Medmia** (Medical equipment)
C/C++ Developer

Tasks:

- Infusion pumps developing (C/C++; STM32)

- 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 Developer

Projects:

- Infinite range spying cameras system (Python, Bash)
- Wireless cameras web receiver (PHP, jQuery)
- Many proof-of-concept prototypes (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 knowledge

Visual Studio [Code] (+Vim), Resharper, Jenkins, TeamCity, Octopus, SoapUI, Postman, Eclipse, GIT, SVN, FreeCAD, GIMP, Jira, Code Collaborator & A lot of embedded stuff.

About me

TDD & design patterns lover.

Participant of many programmers' meetings (WarsawJS, WG.NET, etc). Speaker and workshops trainer.

Drive-license A & B.

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

More at

- Linkedin: www.linkedin.com/in/tomasz-budrewicz-b5066ab2/
- My prelections: "*Raspberry Pi with Node*" www.youtube.com/watch?v=b54ivdZ4zfc, "*Dependency Injection Containers in Typescript*" www.youtube.com/watch?v=KmwGes5yo98
- My embbeded inventions: www.projekty.specteam.pl/tBlabs
- Web projects: www.github.com/tBlabs

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