# SUMMARY



**Jakub Janiak**

R&D Project manager

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## **ExpertiSe AREA**

* Focused on results
* Focused on quality
* Hands on
* Hardware development cycle management
* Firmware development cycle management

### I am R&D Project Manager with experience in providing embedded solutions, both hardware and software (firmware/middleware). I successfully led long-term international projects, both FP and T&M, in the medical and home appliance industries. Being former developer and system administrator, I have a deep understanding of the processes of producing electronic equipment and dedicated software (starting from requirements and ending with production). I have practical knowledge of classic and agile design methodologies. I am the PRINCE2® and ISTQB® certificates holder.

# selected achievements

* The high quality of electronic devices, software and support provided by the development team I manage resulted in the establishment of strong and lasting business relationships with two key partners.
* The HW/SW teams I manage provided solutions under 2 medical programs that resulted in an improvement of a key parameter for the client by 10%. All delivered products that are components of these devices (class II and class III) have successfully passed the V&V procedure, which ultimately allowed for certification of both devices on the American market (FDA 510K).
* The employee evaluation system I introduced based on the feedback culture and active participation in improving the organization's internal production processes resulted in a reduction in staff turnover to zero and also opened the way to employing 2 new specialists.
* The optimization I introduced in the internal working time reporting process, simplification and the dedicated tool provided shortened the time of generating the monthly report by 91%.

# CAReER DRIVER

I combine an analytical approach and understanding of the human nature of decision-making and relationship-building processes.

# PROfessional Experience

#### PROJECT MANAGER 2014-2023

FASTLOGIC | ŁÓDŹ, POLAND

*Designing and implementing test cases for webMethods services based on documentation, performing EAI regression testing, performing EAI platform performance testing.*

**Selected projects:**

2022-2023 Cordless Hysteroscopy Device (firmware re-design)

2022-2023 Cordless Ablation Device (firmware re-design)

2015-2022 Electrosurgery Device (hardware/firmware)

2022–2023 Vision Processing System for UAVs (hardware/software)

2021-2023 Smart Blender(hardware/software)

2019-2021 AGV Control System (hardware/software)

2018-2020 Smart Humidifier (hardware/software)

2017-2018 Smoke Evacuation Device (hardware/firmware re-design)

* Scheduling and planning
* Stakeholders management
* Procurement management
* Technical background

## **RECOMMENDATIONS**

*„We have been working together for over a year and during all this time I have had the opportunity to see many times that the first impression Jakub made on me fully reflects the resources he has at his disposal and the beliefs behind his approach to work and building relationships”*

-**Konrad Schroeder**   
(Excutive Partner, 9th Symphony)

## **ALMA MATER**

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## **CONTACT ME**

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2014-2015 HVAC Mobile App (Android application)

#### EAI TESTER 2012-2014

##### Bluesoft | warsaw, POLAND

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##### • Designed and implemented test cases for webMethods services based on documentation • Performed EAI regression testing • Performed EAI platform performance testing

#### EAI Administrator 2010-2012

##### Bluesoft | warsaw, POLAND

#### • Maintained preproduction test environments based on webMethods Integration Servers and Oracle databases, including applying patches, solving environmental problems, developing specialized administration and monitoring tools. • Prepared components of production package. Supporting developers. Creating team documentation.

#### APPLICATION ENGINEER 2008-2010

##### Proximetry | Lódź, POLAND

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• Developed custom testing framework based on Ruby and DITG tool for WiMAX Base Station firmware performance testing. • Conducted performance testing. • Maintained test environments based on WiMAX devices and Linux Debian servers, solving environmental problems.

#### ResearcheR / ASSISTANT 2005-2008

##### Lodz University of technology | Łódź, POLAND

• Designed and developed a firmware of first Polish cardiosurgical robot RobIn Heart, especially programming specialized cards of the CAN and BiSS/SSI interface, Maxon EPOS motor controllers, Hengstler and Renishaw absolute sensors. • Developed robotics laboratory courses and co-creating didactical materials.

# education

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| Mobile Systems and Multimedia Technologies 2009-2010 Postgraduate, Lodz University of Technology, Electrical, Electronic, Computer and Control Engineering  Medical Apparatus and Equipment 2005-2010  PhD studies, Lodz University of Technology, Mechanical Engineering  Computer Science 1999-2005  MsC studies, Lodz University of Technology, Electrical, Electronic, Computer and Control Engineering |

# Trainings and courses

2023/10 Prince2® Foundation (certification ID: GR656307813JJ , PeopleCert)

2023/08 Prince2 Foundation (training, Future Think)

2023/07 POWERR Feedback Masterclass (training, Szkoła Managera)

2019/01 Zarządzanie projektami wg. PMBOK Guide 6th Edition (training, Asseco DataSystems)

2015/08 Software Validation in Medical Devices (training, TUV Nord)

2015/07 Certified Scrum Master (training, Scrum Group)

2013/05 ISTQB® Certified Tester, Foundation Level (certification ID: 15021, gasq)

# Additional information

English (B2)

*Wolontariat w (downs.pl)*

Rozwinięte umiejętności interpersonalne i komunikacyjne • Rozwinięte umiejętności interpersonalne i komunikacyjne • Pakiet MS Office • WPM: 90 • Zdolność do pracy zespołowej jako część zespołu • Rozwiązywanie problemów • Przywództwo • Przywiązywanie uwagi do szczegółów • Doskonałe umiejętności organizacyjne • Gotowość do pracy pod presją