**Jakub Janiak**

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About me

IT Project Manager with experience in managing embedded R&D teams. As a former developer, tester and administrator I have technical background and practical knowledge of waterfall methodologies as well as basics of agile ones (Scrum, KANBAN), which helps in everyday work with IT teams.

**Significant achievements**: the teams managed by me delivered 2 complete sets of devices, software and additional products (documentation necessary to perform the audit), which - being an important part of the medical devices - met the regulatory requirements of the FDA and obtained certification necessary to enter the US market. The professionalism presented by my Team resulted in the client's decision to delegate most of the tasks related to R&D of medical electronics components to us.

I am also proud to be a pioneer/promoter of feedback culture in the organization.

**Selected certificates:** PRINCE2 (in progress), ISTQB (Foundation Level).

Work experience

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| 2015 - 2023 | **FastLogic for LiNA Medical** – Project Manager/Project Support  2022 - 2023  Medical vision device (software re-design/refactoring)   * Managing of internal software development team (FPGA) and external suppliers (3+) * Preparation of the quotation and project schedule (medical product, class I) * Supporting of Product Owner role * Providing statuses, mostly outside of the organization * Coordination of the troubleshooting of reported problems   2022 - 2023  Cordless ablation device (firmware re-design)   * Managing of internal firmware development team (firmware, 3+) * Preparation of the quotation and project schedule (medical product, class II) * Supporting of Product Owner role * Providing statuses, mostly outside of the organization * Preparation of system architecture documentation * Customer support during system validation, including review of static, integration and system test protocols and reports * Coordination of the troubleshooting of reported problems   2015 - 2022  Electrosurgery device (hardware, firmware from scratch)   * Managing of internal development teams (hardware and firmware, 4+) * Preparation of the quotation and project schedule (medical product, class III) * Supporting of Product Owner role * Determining detailed project scope based on business needs and regulatory * Providing statuses, mostly outside of the organization * Coordinating the work of external suppliers * Customer support during the preparation of risk analysis * Customer support in creating, validating and documenting system requirements (in accordance with the requirements of ISO 62304) * Preparation of system architecture documentation * Customer support during system validation, including review of static, integration and system test protocols and reports * Coordination of the troubleshooting of reported problems * Customer support in the product certification process (US market)   2017 - 2018  Smoke evacuation device (hardware, firmware re-design)   * Managing of internal development teams (hardware and firmware) and external suppliers, 4+) * Preparation of the quotation and project schedule (medical product, class II) * Supporting of Product Owner role * Customer support in creating, validating and documenting system requirements (in accordance with the requirements of ISO 62304) * Preparation of system architecture documentation * Customer support during system validation, including review of static, integration and system test protocols and reports * Coordination of the troubleshooting of reported problems * Customer support in the product certification process (US market) |
| 2022 - 2023 | **FastLogic/FlyFocus** – Project Manager  2022 – 2023  Vision processing system for UAVs (hardware, firmware, monitoring software)   * Managing of internal development teams (hardware and software, 4+) * Preparation of the quotation and project schedule * Coordinating the work of external suppliers (sensor vendors) * Coordination of the troubleshooting of reported problems |
| 2021 - 2023 | **FastLogic for Whirlpool** – Project Manager/Project Support  2021-2023  Smart Blender (hardware, firmware, monitoring software)   * Managing of internal development teams (hardware and software, 5+) * Preparation of the quotation and project schedule * Supporting of Product Owner role * Coordinating the work of external suppliers (sensor vendors) * Coordination of the troubleshooting of reported problems |
| 2019 – 2021 | **FastLogic for Sicherheits-Systeme Zimmermann** – Project Manager/Project Support  2019-2021  Automated Guided Vehicle (hardware and firmware/software)   * Managing of internal development teams (hardware and firmware/software, 6+) * Preparation of the quotation and project schedule * Ongoing project management * Supporting of Product Owner role * Coordinating the work of external suppliers (sensor vendors and chassis designers) * Supporting of system testing |
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| 2018 – 2020 | **FastLogic for HealthSmart International** – Project Manager/Project Support  2018-2020  Humidifier IoT (hardware, firmware)   * Managing of internal development teams (hardware and software, 3+) * Preparation of the quotation and project schedule * Ongoing project management * Supporting of Product Owner role * Determining detailed project scope based on business needs * Providing statuses, mostly outside of the organization * Coordinating the work with external development team during mobile application development * Coordination of the troubleshooting of reported problems, also during mass production in China |
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| 2014 - 2015 | **FastLogic for Euros Energy** – Software Developer/Tester  2014-2015  Mobile App (Android application)     * Coordinating work at the interface between the mobile application (external provider) and the HVAC embedded system * Performing system tests of the provided mobile application * Support of an external provider during troubleshooting |
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| 2010 - 2014 | **BlueSoft** – EAI Administrator / EAI Tester  2012-2014  IT Services for Orange (EAI testing)   * Designing and implementing testcases for webMethods services based on documentation * Performing EAI regression testing * Performing EAI platform performance testing   2010-2012  IT Services for Orange (EAI administering)   * Maintaining test environments based on webMethods Integration Servers / Oracle databases * Solving environmental problems * Developing specialized administration and monitoring tools * Applying patches (code and configuration maintenance) * Preparing components of production package * Supporting software developers |
| 2008 - 2010 | **Proximetry** – Application Engineer / Lab Engineer  2008 - 2010  WiMAX Base Station (software)   * Developing testing framework based on Ruby and DITG tool * Performing performance testing * Maintaining test environments based on WiMAX devices and Linux servers * Solving environmental problems |
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| 2005-2008 | **Lodz University of Technology** – Researcher / Assistant  2005 – 2008  Cardiosurgical robot RobIn Heart (software)     * Implementation of firmware of first Polish cardiosurgical robot RobIn Heart * Programming specialized cards of the CAN (Kvaser) interface as well as the BiSS/SSI interface * Programming of Maxon EPOS controllers * Programming of Hengstler and Renishaw absolute sensors * Developing laboratory courses curriculum, and co-creating didactical materials   2005 – 2008  Conducting courses and technical tasks   * Conducting laboratory courses in Computer Science Basics and Programming Languages and Methods (on the basis of C/C++ languages) * Administering the LAN network of the Division |

Education

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| 2009 - 2010 | **Lodz University of Technology**  Faculty: Electrical, Electronic, Computer and Control Engineering  *Mobile Systems and Multimedia Technologies* (Postgraduate, 1,5 year) |
| 2005-2010 | **Lodz University of Technology**  Faculty: Mechanical Engineering  *Medical Apparatus and Equipment* (PhD studies, 4 years) |
| 1999-2005 | **Lodz University of Technology**  Faculty: Electrical, Electronic, Computer and Control Engineering  *Computer Science* (MsC, 5 years) |

Trainings and Certificates

2023-08 **Prince2 Foundation (training, Future Think)**

2023-07 **POWERR Feedback Masterclass (training, Szkoła Managera)**

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)**

Languages

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|  | English (B2) |