Jakub Janiak

Project Manager

About me

IT 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. 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)   * Preparation of the quotation and project schedule (medical product, class I) * Supporting of Product Owner role * Coordinating the work of internal software development team (FPGA) and external suppliers * Coordination of the troubleshooting of reported problems   2022 - 2023  Cordless ablation device (firmware re-design)   * Preparation of the quotation and project schedule (medical product, class II) * Supporting of Product Owner role * Coordinating the work of internal firmware development team * 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 (3 boards, firmware from scratch)   * Preparation of the quotation and project schedule (medical product, class III) * Supporting of Product Owner role * Coordinating the work of internal development teams (hardware and firmware) and 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 (2 boards, firmware re-design)   * Preparation of the quotation and project schedule (medical product, class II) * Supporting of Product Owner role * Coordinating the work of internal development teams (hardware and firmware) and external suppliers * 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 (1 board, firmware, monitoring software)   * Preparation of the quotation and project schedule * Coordinating the work of internal development teams (hardware and software) * 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(2 boards, firmware, monitoring software)   * Preparation of the quotation and project schedule * Supporting of Product Owner role * Coordinating the work of internal development teams (hardware and software) * 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 system (hardware and firmware/software)   * Preparation of the quotation and project schedule * Ongoing project management * Supporting of Product Owner role * Coordinating the work of internal development teams (hardware and firmware/software) * 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 (2 boards, firmware)   * Preparation of the quotation and project schedule * Ongoing project management * Supporting of Product Owner role * Coordinating the work of internal development teams (hardware and software) * 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 and Oracle databases * Solving environmental problems * Developing specialized administration and monitoring tools * Applying patches (code and configuration maintenance) * Preparing components of production package * Supporting developers * Creating team documentation |
| 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) |