

Michał Soida

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Summary

Head of Mechatronic Solutions Department, with a six years' experience in the area of software solutions architecture for industrial robotics. Key skills: managing a small interdisciplinary team, integrating control system components for industrial robots, engineering tailored mechatronic solutions for the manufacturing sector. Notable accomplishment: leading and executing the development of a modular industrial manipulator series, from the inception to the commercial prototype.

Work Experience

Multiprojekt Automatyka Sp. z o.o.

Head of Mechatronic Solutions Department

since 01/2022

- Managing the work of an interdisciplinary team (software developers, electronic, automation and mechanical engineers) using agile methodologies (SCRUM); allocating tasks, monitoring their statuses and evaluating results to ensure that established goals are achieved in time. Currently working on building an independent B&R team.
- Developing and negotiating strategic development plans for B&R projects with the Company Board, making key decisions regarding solutions and implementation timelines. Led three innovative projects in the field of robotics.
- Responsible for hiring new employees and defining their job scopes and responsibilities. Conducted and participated in several recruitment interviews.
- Supporting my team with expertise, both technical and organizational. Providing training and promoting professional growth among my Team Members. Ensuring the Team's efficiency in a highly dynamic environment, including resolving conflicts arising from time pressure and logistical and technical challenges.
- Ensuring effective cooperation and communication with other departments of the Company, as well as internal and external subcontractors.

Software & Automation Team Leader, Robotic Software Architect

04/2020 – 12/2021

- Managed a team of C++ developers that created a control system for three industrial robots: PROF.900.6, PROF.700.3, EDU.500.05.
- Proposed and negotiated technical solution concepts, timelines, and budgets with my supervisor.
- Expanded the software architecture and programmed (in C++ and Python) the control system for industrial robots, introducing original solutions and optimization.
- Ensured the software's compliance with design specifications and its integration with the electronic and mechanical components of the system.

Robotics Engineer, Software Developer

09/2017 – 03/2020

- Developed software facilitating inter-component communication of the industrial robot.
- Designed the trajectory generator for the manipulator's movements.

Soida Management Consulting & Coaching

IT System Administrator, IT Operations Engineer, IT Support Specialist

since 09/2011

- Overseeing the company's server and network services (web, email, calendar, NAS).
- Responsible for selecting and purchasing new IT services and computer equipment.
- Assisting staff in their usage of computer systems.
- Troubleshooting and resolving any hardware- or software-related issues that arise.

Comarch SA

Java Developer

06/2015 – 12/2015

- Tailored product demonstration environments to suit the consultants' requirements.
- Translated and clarified demonstration processes and environments.
- Incorporated software test environments with Continuous Integration (CI) systems.
- Worked on expanding the system for managing and archiving documentation and processes.

Side Projects

- Industrial Manipulator for AGH Robotics Scientific Club (Awarded in ABB IT Challenge 2015 and 2017, Robomaticon 2017, RoboTEC 2017 competitions).
- Control Station for AGH Space Systems' Mars Rover (team leader).
- Network and Corporate Servers Laboratory (Proxmox VE Cluster).
- Smart Home System enabling remote control, measurement archiving, and parameter visualization (Home Assistant, ESPHome, Z-Wave).

Skills

- Team and project management in an Atlassian environment (Jira, Confluence).
- Strong proficiency in Agile methodologies (SCRUM).
- Advanced programming skills in C++ and Python.
- Proficient in Linux system administration (Debian) and file server management (TrueNAS).
- Skilled in managing corporate server clusters (Proxmox VE).
- Competent in administering company computer networks (MikroTik).
- Fluent in English (C1/CAE level).

Education

- Ph.D. candidate at the AGH University of Cracow (Dep. of Robotics and Mechatronics).
- Founder of the AGH Robotics Student Scientific Club.
- Graduate of AGH University of Cracow in Mechatronic Engineering.
- Completed courses in Agile and Jira (Agile best practices, Jira Advanced Roadmaps).
- SEP certification for electrical operations up to 1kV.
- Basic level training in operation and programming of Kawasaki robots.
- PLC programming and operation course for maintenance services.
- Certified LabVIEW Associate Developer (CLAD).
- Completed Stanford University's online courses in "Algorithms: Design and Analysis" and "Cryptography".
- Achieved 2nd and 3rd place in the ABB IT Challenge in 2015 and 2017 respectively.

Wyrażam zgodę na przetwarzanie moich danych osobowych dla potrzeb niezbędnych do realizacji procesu rekrutacji (zgodnie z ustawą z dnia 10 maja 2018 roku o ochronie danych osobowych (Dz. Ustaw z 2018, poz. 1000) oraz zgodnie z Rozporządzeniem Parlamentu Europejskiego i Rady (UE) 2016/679 z dnia 27 kwietnia 2016 r. w sprawie ochrony osób fizycznych w związku z przetwarzaniem danych osobowych i w sprawie swobodnego przepływu takich danych oraz uchylenia dyrektywy 95/46/WE (RODO).