Rafal Bilinski

I have been passionate about computers and controllers since I remember. I have **experience in creating an application** for service technicians for handling commissions. **I use MS CoPilot and Chat GPT but I keep a critical approach to obtained results.**

My strength is **ability to solve problems creatively** and keeping records of my actions in an organized way. I can **manage a team** and present the results of its work, resolving conflicts whenever they appear. I am **open to new challenges**. I can negotiate with corporate clients with ease.

My current career goal is to gain experience in the field of **data analysis**, **machine learning**, **AI** and **frontend** to develop cutting edge AI-related tools which will improve the energy efficiency index and processes optimization in the industry.

Projects and Certificates

- **Self-made heat pump with full inverter control**
- **Platform for assigning, managing and reporting tasks**

JavaScript   Frontend   Azure AZ900   In progress

Contact

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GitHub: github.com/RafalBilinski

Languages

- English B2+

Technical Skills

- HTML + RWD, CSS/SAAS, JavaScript
- React framework
- Python Core, C++ basics
- PostgeSQL
- Chat GPT, MS CoPilot
- GitHub
- Visual Studio Code
- Jira, Canban
- MS Office

Other Skills

- Critical Thinking, Root Cause Analysis
- Statistical analysis of data and business projects
- Team Management
- Agile Project Methodology: SCRUM

Work Experience

Automation engineer / analyst / technical advisor
Automatyka chłodnicza ZRO-BILI Rafał Biliński

November 2018 - Currently

- Creating an application that helps assigning tasks to service technicians
- Creating an application that helps handling commissions by service technicians
- Development of control algorithms and process optimization
- Work on data sets from physical sensors and correction of software layer errors of BMS controllers
- Conducting technical and business talks with corporate clients, project costing
- Conducting training for technical and office employees
- Worked for: *Carel, Orlen, Jeronimo Martins, Amrest*

Main electrician / automation engineer
Naprawa Urządzeń Chłodniczych Czesław Biliński

June 2016 - October 2018

- Building projects from scratch: business analysis, setting-up, implementation of corrections and as-built documentation
- Digitalization of data circulation and documentation as well as staff training
- Analysis of data on the operation of refrigeration systems and correction of system parameters
- Coordination of service and logistics activities in the Dolnośląskie and Opolskie voivodships
- Diagnostics and security automation service along with monitoring

Education

Master's degree - Electrical engineering: Industrial automation
Wroclaw University of Technology (Politechnika Wrocławska)

October 2014 - June 2016

Bachelor of Engineering: Electrical engineering
Wroclaw University of Technology (Politechnika Wrocławska)

October 2011 - June 2014