Konrad Pieczyński

Programmer

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Professional Summary

I am an engineer with extensive experience in PLC programming, production line diagnostics, and implementing new solutions in the industry. I am expanding my skills in software development. I solve technical problems and optimize processes.

Skills

Programming	Java, Python, Bash, LabView, Spring Boot, Hibernate, JUnit, Mockito, Swagger, Selenium, Gradle, Maven, Git, JIRA
Databases	MySQL, PostgreSQL, MongoDB
DevOps	Docker, Kubernetes, Circle CI
Automation	TIA Portal, Step 7, MoviTools, WinCC, Scada, Siemens S7 300/400, VASS v05, VASS v06, Sicar
Operating Systems	Arch Linux, Windows (95, 97, XP, 7, 10, 11), OpenWRT
Virtualization	VirtualBox, VMware, Qemu
Other Tools	IntelliJ, Visual Studio Code, Microsoft / Libre Office, Power BI

Experience

July 2024 – January 2025

Automation Engineer, *PLAST-MET Automotive Systems*, Poland
Modernization and diagnostics of production lines. Launching new production lines, ordering parts, contacting external service providers.
Achievement: Reduced part purchase costs by 20% by implementing alternative components.

February 2023 – May 2024

Technical Support Specialist, *Siemens*, Poland
Creating technical documentation and manuals, customer support. Translating certificates, preparing offers, and assisting in website development.
Achievement: Contributed to the creation of a new knowledge base, reducing ticket resolution time by 15%.

June 2023 – December 2023

Test Engineer, *Bitron Poland*, Poland
Implementation and modification of automated tests for electronics (LabView, Bash, Python, SQL). Usage of spectrometers, oscilloscopes, and deployment of new machines.
Achievement: Reduced testing time per batch by 20% through script optimization.

March 2023 – May 2023

Junior Automation & Electrical Specialist, Magna Formpol, Poland
Maintenance and diagnostics of production lines and CNC machines.

April 2022 – February 2023	**Automation Engineer**, *Jassboard*, Poland Diagnostics of production lines, ordering parts, supervising repairs.
June 2019 – March 2022	**PLC Project Manager (3 months) / Control Systems Programmer (2.5 years)**, *Rolling-Robotics*, Poland Managing PLC projects, commissioning and modifying production lines. Training maintenance staff, creating project documentation. **Achievement:** Negotiated a change to the project specification with the client, which saved the company approximately 25% in personnel costs.
March 2016 – May 2019	**Senior Control Systems Programmer (5 months) / Control Systems Programmer (2.5 years) / Junior Programmer (3 months)**, *Blumenbecker Engineering Poland*, Poland Programming and commissioning new production lines, modernizing older ones. Training maintenance staff. **Achievement:** Code optimization, which reduced cycle time by about 40%
September 2014 – February 2016	**Electronics Technician**, *Huta Bankowa*, Poland Maintenance and diagnostics in a metallurgical plant.

Automotive Projects

VW ID.4	Transport lines - rear axle, bumpers - programming and diagnostics
Taycan	Finish - testing and assembly - programming, diagnostics, cycle time optimization
Taycan	Body in white - chassis, sides, roof and geometry checking - programming, diagnostics, cycle time optimization
Arteon	Offline and VIBN for chassis
VW Touareg / Porsche Cayenne	Body in white - adhesive cleaning automation - programming and diagnostics
BMW Z8 / Toyota Supra	Body in white - headrests - programming, diagnostics, cycle time optimization
VW Crafter	Body in white - doors and chassis - programming, diagnostics, cycle time optimization

IT Projects - Java

Media Collection	**Role: Full-Stack Developer.** Java, Spring Boot, Vaadin. API integration, unit testing, design pattern usage.
Internet Shop	**Role: Backend Developer.** Java, Spring Boot, JIRA, SQL, SCRUM. REST API development, unit testing, authentication implementation.

Languages

Polish	Native
English	C1 (EnglishScore Certificate)
German	A1+

Education

02.2025   **Master's Degree**, *WSB Academy*, Computer Science, Applications of artificial intelligence
GPA: 5.0 (A)

01.2012   **Bachelor's Degree**, *Silesian University of Technology*, Electronics and Telecommunications
GPA: 4.0 (B)

Courses

April 2024   AWS Academy Cloud Operations (AWS)

March 2024   AWS Academy Machine Learning Foundations (AWS)

March 2024   AWS Academy Cloud Foundations (AWS)

November 2023   Multithreading in Java (Kodilla)

September 2023   Spring and hibernate – corporate programming (Kodilla)

December 2022 – August 2023   Java Developer Plus (Kodilla)

September 2023   MongoDB – The Complete Developer's Guide 2023 (Udemy)

April 2023   SQL and PostgreSQL: The Complete Developer's Guide (Udemy)

January 2023   Docker & Kubernetes: The Practical Guide (Udemy)

January 2016   Step7 advanced (Intex)

November 2015   Step7 basic (Intex)

Other qualifications

Driving license cat. B

G1 – exploitation

G1 – supervision

G2 – exploitation

G2 – supervision

G3 – exploitation

G3 – supervision

GDPR Clause

I agree to the processing of personal data provided in this document for realizing the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).