

PATRYK NIZIOŁEK



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SUMMARY

Skilled Software Developer with 4 years of experience specializing in object-oriented programming. Consistently achieves project goals by delivering elegant and scalable code. Collaborates effectively with team members within Agile and Scrum frameworks. Strong expertise in JEE open-source frameworks like Spring and Hibernate, as well as solid knowledge of database design (PostgreSQL, MongoDB, Neo4j). Experienced in designing scalable backend systems and passionate about applying best practices in software architecture. Familiar with CI/CD automation tools and processes.

I possesses analytical thinking skills and a desire to expand experience. Currently seeking opportunities that will allow me to grow both my backend and technologies to become a full stack developer in the future.

SKILLS

- Java
- Spring Boot
- SQL
- Docker(basic)
- Aws(basic)
- Junit
- JavaScript(basic)
- Selenium tests(SCAT)
- Angular(Basic)
- React(Beginner)
- Junit
- Kafka
- Jira
- Slack
- Jenkins

EXPERIENCE

Transition Technology, Poland (Remote)

Software Developer, 07/2021 – 06/2025

In early projects, I collaborated with small, agile teams and also led a project independently, where I delivered a fully functioning platform extension for air carrier company. The goal was to implement secure REST API services for integrating with client applications. The project required a strong emphasis on security and API design best practices. I had the opportunity to gain experience working with large manufacturing facilities, for instance, in developing a layout for displaying KPIs on large screens in production lines. During these projects, I collaborated with international teams and effectively communicated in English.

Following this, I gained experience in an R&D project for watch company within a Scrum framework, actively participating in all Agile ceremonies (daily stand-ups, grooming sessions, sprint planning). This project, developed entirely in java, included dedicated QA and code review teams focused on specific modules, which allowed me to understand how to scale Feature Development and integrate efficiently into a large team.

I was part of a Greenfield project, working from inception to MVP. The platform is designed for system integration and workflow automation, with responsibilities including the design and implementation of Kafka-based messaging, REST and SOAP services. I have been hands-on with technologies such as Spring, Kafka, Docker, React, and Angular to ensure a modern, scalable architecture.

Throughout my journey, I have honed my ability to deliver both new feature requests and enhance existing systems with new functionalities.

Mennica Polska, Poland (Hybrid)

Software Developer, 06/2025 – Current

Maintenance Project (Ticketing Systems — Two Major Polish Cities)

Full ownership of maintenance and development of two production backend systems for public transportation ticket sales. Designed and implemented integration modules for communication with a central system. Performed database optimization including query tuning, indexing, and performance improvements. Refactored legacy code into a more modern, flexible, secure, and high-performance architecture. Ensured stability and reliability of business-critical systems. Implemented minor enhancements and fixes in the web-based administrative panel (Angular UI). Operated and developed containerized production applications deployed in the AWS cloud environment.

Greenfield Project (Modern Ticketing Platform)

Actively participated in building a new, scalable ticket sales platform from the ground up. Worked with modern technology stack including Java 21, Spring Boot 4, Jenkins, CI/CD pipelines, monitoring, and metrics. Contributed to technology and architectural decisions to ensure scalability, easy onboarding of new cities, and compliance with business and non-functional requirements. Co-designed solutions focused on high availability, security, performance, and extensibility.

EDUCATION



Politechnika Świętokrzyska
Kielce University of Technology

Bachelor of Computer Science, Poland
Graduated in 02/2022

WEBSITE PROFILES



<https://www.linkedin.com/in/patryk-nizio%C5%82ek-0848731a9/>



<https://github.com/PatNiz>

LANGUAGES

Polish: Mother tongue

English: Upper Intermediate (B2)

INTEREST



Boxing

Sport full of determination, develops self-discipline and mental endurance. Boxing has taught me more than just how to throw a punch. It's instilled in me the value of dedication, perseverance, the importance of regularity and constantly striving for improvement. Boxing has shaped me into a disciplined person.



Motorization

Fast driving of cars and the pursuit of greater engine power require precision. It's a fusion of technique, understanding vehicle mechanics, and tuning. This passion has taught me to be focus, quick decision-making, and how to handle pressure. On the track, there's no time for hesitation.



Scuba diving

My exhilarating escape into a world of wonder beneath the waves adventure that allows me to explore the depths of the sea, discovering its hidden treasures and

mesmerizing beauty. Beyond the adrenaline rush, scuba diving has taught me valuable life lessons-patience, self-control and the importance of teamwork.



Microprocessors

I like creating projects based on Arduino and ESP32 in combination with various electronic components. I enjoy experimenting and developing ideas, crafting intriguing small-scale that harness. One of the most interesting projects I've worked on was developing and implementing an intelligent remote irrigation system for farmland. It optimizes water usage and automates watering based on real-time soil moisture data and weather information from online platforms. The system also allows for remote control via a web platform, with built-in protection against failures and adverse weather conditions.

CERTIFICATIONS

- Cisco Networking Academy CCNA
- ThingWorx Academy (Industrial Connectivity, DevOps, Cloud IoT Azure)
- Troy Miles "Kotlin Essential Training"
- Matt Greencroft "Build Spring Boot Apps with the Kotlin Programming Language"
- Cypress (JavaScript) –Web app test automation by Sii Training Piotr Dziubiński
- Windchill Academy –Customization Windchill(Java programming), JUnit, Jenkins
- AWS Partner: Sales Accreditation (Business)
- AWS Partner: Accreditation(Technical)
- AWS Partner: Cloud Economics Accreditation