Kacper Barwiński

Junior Java Developer

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github.com/Shanzeee
Cracow

PERSONAL PROFILE

I am an Automation and Robotics graduate with a passion for programming that has been with me for many years. I am currently studying for a degree in Technical Informatics and focus on web application development. My main aspiration is to develop as a back-end developer. I have strong communication skills and am highly motivated to continuously improve and learn new skills.

PROJECTS

ZenithActive
https://github.com/Shanzeee/ZenithActive
- Application for comprehensive management of fitness facility structure.
- Users have the ability to enroll for classes, post reviews, generate QR codes and PDF files.
- Email and SMS notifications, earning loyalty points, generating diets using a collaborative filtering algorithm.
- Integration with weather API and use of AWS S3 services.
- Technologies used in the project include: Spring Boot, JUnit5, Mockito, Hibernate, Postgres, Docker, Spring Security, ZXing, Twilio.

RaspHousemate
https://github.com/Shanzeee/RaspHousemate
- An application for smart apartment management using RaspberryPi 4B, sensors, and actuator elements.
- Functions include automatic and manual temperature control, a door security system with an alarm, and control over other actuators.
- The application features an additional microservice for sending notifications based on a message queue.
- Technologies used in the project include: Spring Boot, React, Postgres, Pi4J, Java Mail Sender, RabbitMQ.

I have also created a number of smaller applications, which are available on my GitHub.

EXPERIENCE

InPro engineering Sp. z o.o
Automation Systems Developer
2022 Oct - 2023 Dec
Programming PLCs and HMI panels, preparing technical documentation, commissioning and service.

AGH Solar Boat Team
Software Section Member
2020 Oct - 2023 Feb
Active participation in building the *Celka* solar boat and the *R.O.B.U.R.* autonomous boat.
Creation and development of a web application to manage team members and their achievements.

SKILLS

Java 11/17
Spring Boot
JUnit5 | SQL
Hibernate | Git
PostgreSQL
Docker | Maven

EDUCATION

Technical Informatics
AGH - University of Science and Technology
2023 Feb - present
Cracow, Poland

Automation and Robotics
AGH - University of Science and Technology
2019 - 2023 Jan
Cracow, Poland

JĘZYKI

English *(B2)*,
Polish *(Native)*