

Andrii Tynskyi

Junior Software Engineer | Java / PHP / SQL / REST API / Android

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Summary

Computer Science student at the West Pomeranian University of Technology in Szczecin, seeking an internship or first junior role as a Software Engineer. Hands-on project experience with Java, PHP, Spring Boot, Android, Firebase, SQL/MySQL, Docker, REST APIs, and IoT prototyping. Built web and mobile applications, designed relational databases, wrote unit tests, and presented working solutions.

Key skills

- Java / OOP: Spring Boot, JPA/Hibernate, JUnit/Mockito, application logic.
- PHP / Web: custom MVC, ActiveRecord ORM, MySQL, Docker Compose, LESS/CSS.
- REST API: HTTP/JSON, CRUD, Postman, status codes, data validation.
- Mobile: Android, Java, Firebase, XML, Android Studio.

Technologies

Core	Java, PHP, SQL, REST API, Spring Boot, HTTP/JSON, Postman, Git, Docker, MySQL
Languages	Java, PHP, C, C++, C#, Python, SQL
Databases	MySQL, MariaDB, H2, JPA/Hibernate, PDO, relational modeling, normalization
Web	HTML, CSS, LESS, PHP (custom MVC), ActiveRecord ORM
Mobile	Android Studio, Java, XML, Firebase
IoT / Embedded	Arduino, STM32 Nucleo, PlatformIO, C++, sensors
Tools	Git, Docker, Maven, Postman, JUnit, Mockito, VS Code, IntelliJ, LaTeX
Learning	Kotlin, advanced Spring Boot, clean code and backend testing

Projects

PlusFlix - Movie Catalog Web App

PHP 8, custom MVC framework, MySQL, Docker, LESS CSS

- Full-stack app: movie browsing, search, filtering, reviews, favorites and admin panel.
- Custom MVC framework: front controller, routing, templating engine, ActiveRecord ORM.
- Docker Compose (MySQL 8.4 + Adminer), 7 SQL migrations with foreign keys.
github.com/ta56419/plusflix

Multikino REST API - Cinema Ticket Reservation System

Spring Boot 3.2, Java 17, JPA/Hibernate, H2/MySQL, JUnit, Postman

- REST API with 20+ endpoints in Controller -> Service -> Repository architecture.
- Seat availability validation on booking and automatic seat restoration on cancellation.
- 7 unit tests (JUnit 5 + Mockito) and API documentation with Postman examples.
github.com/ta56419/multikino-rest-api

WiWav - PUTCyberDays Hackathon IoT Project

C++, PlatformIO, Bluetooth/NFC/RF/WiFi, PCB design

- IoT device scanning BT, NFC, RF, and WiFi signals.
- Web server, keypad input, display output and PCB schematic design.
github.com/ta56419/WiWav

AB-Fit - Gym Management App

Android, Java, Firebase, XML

- Mobile app: gym management, subscriptions, payments and workout statistics.
- Firebase integration, functional scenarios and technical documentation.
github.com/ta56419/ab-fit

SIYS - Start Improving Yourself

Android, Java, XML

- Mobile app: goal planning, reminders and relaxation techniques.
- Project presentation focused on UX and user engagement.

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Projects - continued

Smart Home Lighting System

Arduino, mobile app, sensors

- Intelligent lighting prototype with motion, temperature and light sensors.
- Remote mobile control and demonstration of a working hardware setup.

Lazior Rover Project

Autodesk Fusion 360, STM32 Nucleo, 3D printing

- Rover project in a technical team - 3D models and DXF files in Fusion 360.
- Mechanical assembly, wiring and motor testing on STM32 Nucleo.

Experience

SOFTSERVICE TECHNOLOGIES LTD - Programming Intern / Development Support Sep - Dec 2025

- 3-month internship in a development support role within a software team.
- Technical documentation, programming tasks and teamwork in a professional environment.

Education

West Pomeranian University of Technology in Szczecin

Computer Science, BSc Engineering studies - Information Systems Engineering | 2023 - present

Secondary School No. 91, Lviv

Graduated with honors - Gold Medal | 2023

Courses, languages and additional information

- Start IT Academy | Samsung IT School | PUTCyberDays Hackathon 2026 | LeetCode / W3Schools
- Ukrainian - native | English - B2 | Polish - B1/B2
- Driving license B | Szczecin / relocation-ready / hybrid / remote

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