



Edwin Harmata

Fullstack Developer — Java & Spring / Angular & React

✉ edwin.harmata@gmail.com [in linkedin.com/in/edwin-harmata](https://www.linkedin.com/in/edwin-harmata)

🐙 github.com/ebi2626 [🌐 edwinharmata.pl](https://edwinharmata.pl)

Profile

Fullstack developer with 5+ years of experience in Angular, React, and TypeScript, plus backend/embedded work in C++ and Node.js (Nest.js). Currently deepening my skills in Java and Spring, building on a strong OOP foundation (B.Eng. and M.Sc. in Information Technology) and practical experience in Agile/Scrum and secure application development. I write well-structured, maintainable code, take ownership of architecture decisions, and communicate openly within cross-functional teams.

Skills

Backend & Languages

C++, Java, Spring Boot, Python, Node.js, Nest.js, SQL, PostgreSQL, ArangoDB, REST APIs, Object-Oriented Programming

Java and Spring Boot: actively studying and applying, building on strong OOP fundamentals.

Frontend

Angular, React, TypeScript, JavaScript, RxJs, HTML5, CSS3, SCSS, Bootstrap, Chart.js

Tools & Practices

Git, Docker, Jest, WordPress, Unit Testing, Code Review, Agile, Scrum, Secure Coding, Keycloak, JWT

Other

Accessibility / WCAG 2.1, UX Research, Technical Documentation

Work Experience

Software Engineer — Motorola Solutions

August 2024 – Present

- Develop software enabling radio communication systems.
- Implement new features and solutions in C++.
- Perform expert-level testing on deployed hardware.
- Diagnose and resolve software defects in legacy code.

Front-End Developer — Onwelo, Kraków

February 2022 – August 2024

- Developed front-end of web applications using Angular and React.
- Built mechanisms allowing users to export website views as PDF or PPTX files.
- Worked on systems for managing document flow within the company.
- Implemented reactive state management in applications using NgRx.

Junior Front-End Developer — Institute of Logistics and Warehousing, Poznań

August 2020 – February 2022

- Built user interfaces using Angular, RxJs, SCSS, and Bootstrap.
- Worked on accessible HTML templates and Sass styles for web applications.
- Created backend proxy services using Nest.js.
- Prepared accessibility audits for the company website.

User Experience Trainee — Institute of Logistics and Warehousing, Poznań

May 2020 – August 2020

- Created interactive mockups in HTML5/CSS3 meeting WCAG 2.1 requirements.
- Generated lo-fi mockups using Axure RP.
- Participated in user research as an observer.
- Addressed UI accessibility issues and prepared stylesheets for XML transformations.
- Developed a new company website in WordPress using Bootstrap.

Education

Master of Science, Information Technology

March 2024 – June 2026

University: College of Management and Banking, Kraków

Field of study: Information Technology

Specialization: Software Engineering and Software Production

Degree: Master of Science

Final grade: 5

Thesis: "Dynamic Route Planning for Drone Teams Using Bio-Inspired Algorithms in Variable Environmental Conditions" — implemented in **Python** an experimental framework comparing the effectiveness of bio-inspired algorithms (SSA, MSFFOA, OOA) against NSGA-III across seeded environments, covering two spatial/obstacle layouts and two scenario types (with and without hostile drones acting as dynamic obstacles).

Information Technology Engineer

2019 – 2023

University: College of Management and Banking, Kraków

Field of study: Information Technology

Specialization: Object-Oriented Programming

Degree: Engineer

Thesis: "Requirements Analysis, Design, and Implementation of a Self-Development Support Application" — a fullstack application for tracking personal self-development goals. Built a **NestJS** REST API with **Keycloak/JWT** authentication (**PostgreSQL**) and **ArangoDB** for application data, an **Angular/RxJs/TypeScript** frontend, scheduled email notifications (NestJS cron, Nodemailer, Pug templates, tested with MailHog), and Chart.js progress dashboards. Fully containerized with **Docker** Compose.

Bachelor of Arts in Psychology

2015 – 2018

University: Tischner European University, Kraków

Field of study: Psychology

Specialization: Business Psychology

Degree: Bachelor of Arts

Hobbies

Programming, Drones, Calisthenics

I agree to the processing of personal data provided in this document for realising 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).