

# Maciej Żyłka

SOFTWARE ENGINEER

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📍 Katowice, Poland

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## EXPERIENCE

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### SoftServe

Gdańsk, Singapore (remote)

#### Software engineer at DBS Bank

Jul. 2022 – present

- Development of UI components and backend services
- Optimization of the web application, code refactoring and investigation of potential application enhancements
- App regionalization to multiple countries
- Code review and testing

**Skills:** Java, Spring Boot, Reactor, MariaDB, Maven, Angular, MaterialUI, Jenkins, BitBucket, Jira

### infoShare Academy

Remote

#### Instructor (*freelance*)

Mar. 2023 – present

- Mentoring and guidance of a group of 16 students
- One-on-one consulting
- Leading code reviews and offering constructive feedback
- Scrum related duties

**Skills:** React, Firebase, Vite, TypeScript, styled-components, ESLint, Prettier, Jira, GitHub, GitHub actions, Netlify, Scrum, teaching

### Siemens EDA (previously – Mentor Graphics)

Katowice, Wilsonville (remote) – (2 years, 6 months)

#### Software engineer / DevOps

Oct. 2021 – Jun. 2022

- Development and maintenance of the frontend of an internal build system
- Development of a RESTful authentication microservice
- Knowledge sharing, teaching and mentoring interns
- Working with GitLab pipelines

**Skills:** Java, Jersey, Hibernate, LDAP, React, Redux, Docker, Kubernetes, microservices, REST, Jira, GitLab

#### Software engineer (*junior*)

Apr. 2021 – Sep. 2021

- Development of an enterprise data management application
- Code review and testing

**Skills:** Java EE, Swing, WildFly, Google Web Toolkit (GWT), Subversion, Elasticsearch

#### DevOps engineer (*internship*)

May 2020 – Mar. 2021

- Development and maintenance of the frontend of administrative pages of an internal build system
- Development of a RESTful authentication microservice
- Development of an internal tool used by QA Engineers

**Skills:** React, Redux, TypeScript, Java, Jersey, Hibernate, LDAP, Swing, Perl

#### QA engineer (*internship*)

Jan. 2020 – Apr. 2020

- Development and maintenance of tests for a RESTful microservice
- Development of an internal tool used by QA Engineers

**Skills:** Java, Jersey, Hibernate, JUnit, Swing, Perl

### Inelo

Bielsko-Biała – (1 month)

#### QA Engineer (*apprenticeship*)

Jul. 2019

- Creation and maintenance of Selenium tests for a web application
- Performing manual testing

**Skills:** Java, Selenium, JUnit, Angular

## SKILLS

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**Frontend:** React, Angular, Svelte, SolidJS, Next.js, SvelteKit, Astro, TypeScript, SCSS, Tailwind, Bootstrap, styled-components, Redux, TanStack Query, Vite, Rollup, Webpack, pnpm, Prisma, Mongoose  
**Backend:** Java, Spring Boot, Jersey, Hibernate, Maven, Node.js, Deno, Express, MongoDB, MySQL/MariaDB, PostgreSQL, Redis, WildFly, Tomcat  
**Other programming languages:** C/C++, Rust, C#, PHP, Perl, Python  
**Software and tools:** IntelliJ IDEA, VS Code, ESLint, prettier, WebStorm, Eclipse, Jira, Confluence, GitHub, GitLab, BitBucket  
**Operating systems:** Windows 10, Windows 11, Debian, Arch Linux, OpenBSD  
**Testing:** TDD, JUnit, vitest, Testing library, Jest, Selenium, Cypress, Playwright, Storybook  
**Other:** Docker, CI/CD, Firebase, Pocketbase, git, REST, HTTP, tRPC, Electron, Tauri, Subversion, Asembler, L<sup>A</sup>T<sub>E</sub>X, SCRUM, UML, Android

## EDUCATION

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**University of Silesia in Katowice** | *Faculty of Science and Technology* Sosnowiec  
B. Sc. Degree in Computer Science Oct. 2017 – Apr. 2021

- Chosen specialization – IT systems engineering
- Grade – excellent (5)
- Academic scholarship for outstanding academic results
- Partaking in an internship and skills development program for faculty of computer science students
- During university I was giving private lessons in mathematics and computer science

**Nicholas Copernicus High School** Bielsko-Biala  
Extra classes: mathematics, computer science, English, geography Sep. 2014 – May 2017

## LANGUAGES

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English – full professional proficiency (certified)  
Polish – native language  
German – elementary proficiency

## WORKSHOPS

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C++ Projects Creation Fundamentals Mentor Graphics	Dec. 2019
Scrum, testing - who needs that? Mentor Graphics	Nov. 2019
”Be quick or be dead” (Applied encryption, Performance focused C++ programming, Python - new C++ modules) Mentor Graphics	Nov. 2019
Java - Good Practices EQ System	Dec. 2018

## CERTIFICATIONS AND DIPLOMAS

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ISTQB Certified Tester Foundation Level	Dec. 2019
Academic Certificate of Foreign Language Knowledge	Feb. 2019

## COURSES

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ISTQB Foundation Level Certificate Exam Preparation	Dec. 2019
Course for Specialized English in IT	Oct. 2019 – Feb. 2020
Webmaster – Websites Creation	Jun. 2015
Speed English Language School	