

# Jakub Wiszowaty

Junior Software Engineer

Leeds (open to relocation)

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[Personal Website](#)

[GitHub account](#)

Curious and fast-learning junior software developer with a background in chemistry and a solid foundation in JavaScript, Java, SQL, and TDD. Eager to contribute problem-solving skills to real-world projects in a collaborative, supportive team environment.

## Technical Skills

Programming Languages:	JavaScript, Java
Front-End Development:	HTML, CSS, React, React Native, Tableau
Back-End Development:	PostgreSQL, PL/SQL, Seeding, Express.js, Spring Boot
Testing & Quality Assurance:	TDD, Jest, Supertest, JUnit, Selenium
Automation & CI/CD:	GitHub Actions, Docker
Hosting & Deployment:	ElephantSQL, Render, Netlify
Project Methodologies:	Agile, SCRUM

## Experience

**Trainee Software Engineer**                      **Ten10**                      **May 2024 - Present**

Projects: [Rock Paper Scissors](#) (Java), [personal website back end](#) (Java, OpenAI)

- Completed two specialized trainings in Data Science and Software Development where I gained experience with PL/SQL, Tableau, Java, Spring Boot

**English Tutor**                      **Online**                      **Oct 2019 - Present**

- Prepared over 700 hours of online lessons for Polish high school students
- Helped over 10 students improve English proficiency, focusing on intuitive understanding of grammar and vocabulary

**Trainee Software Engineer**                      **Northcoders**                      **Aug 2023 - Nov 2023**

Projects: [Northcoders news](#) (JS, React, PSQL), [ElderHelper](#) (JS, React Native, PSQL)

- Completed an intensive bootcamp, mastering industry best practices and enhancing collaboration skills through pair programming.
- 3-month self-paced learning on Northcoders' platform had proceeded the bootcamp
- Practiced Test-Driven Development extensively throughout the bootcamp

**Research Assistant**                      **NewChem Technologies**                      **Jun 2022 - Jun 2023**

- Synthesized and purified organic compounds, including amphetamine derivatives and cannabidiol analogues, contributing to compound libraries used for pharmacological research
- Reversed and normal phase purification of organic compounds using Biotage
- Analytical methods used: NMR, LC-MS, HPLC

**Research Project**                      **BiBerChem Research**                      **Aug - Sept 2021**

- Supervision: Prof. Bernard T Golding
- Organic synthesis of analogues of barbituric acid
- Purification using manual column chromatography and recrystallisation
- Analytical methods used: LC-MS, HPLC, NMR ( $^1\text{H}$ ,  $^{13}\text{C}$ ,  $^{19}\text{F}$ )

**Summer Intern** **NewChem Technologies**

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**Aug - Sept 2020**

- Organic synthesis of analogues of cannabidiols

**Team Member**

## Creams Café Newcastle

Jul 2017 - Aug 2021

- Worked efficiently with a team of 13 staff members in a busy restaurant environment
- Maintained clean working space and shared responsibilities of a waiter, kitchen porter, cashier

## Education

Master of Chemistry (2:1) Newcastle University

**Newcastle University**

**Oct 2018 - June 2022**

## Volunteer Work

**RVI Newcastle Hospitals NHS Foundation Trust:**

### Vaccination Centre "Centre For Life" in Newcastle

Oct - Dec 2021

- 4-hour shift on Sundays for three months
- Supported patient care and managed patient flow during COVID-19 vaccination at the NHS Vaccination Centre, helping reduce patient anxiety

## Pharmacy Department

Feb 2022

- 4-hour shift on Sundays for three weeks
- Contacted COVID-19 patients with underlying conditions to confirm their details and dispatched their medication to their homes.

**Emergency Department**

**Oct - Dec 2022**

- 4-hour night shift on Saturdays
- While in the A&E department, I conversed with patients and comforted them with available food and beverages. I also helped communicate between the nurses/doctors and patients and notified the personnel about anything that needed attention.