

Jakub Wiszowaty

Junior Software Engineer

Leeds (open to relocation)

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I'm a curious and fast-learning junior software developer with a strong background in chemistry. I am eager to join a team with a supportive environment to develop my skills further and use my excellent problem-solving skills to contribute to real-world projects. I have experience with working in teams and independently. In the past four months, I have explored PL/SQL, Java and testing.

Technical Skills

Language(s): JavaScript, Java
Front-end: HTML, CSS, React, React Native, Tableau
Back-end: PostgreSQL, Express.js, seeding, PL/SQL
Testing: TDD, Jest, Supertest, JUnit, Selenium
Hosting: ElephantSQL, Render, Netlify
Methodologies: Agile, SCRUM

Experience

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

- Java, Testing, Automated Testing

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

Final project video: www.northcoders.com/project-phase/elder-helper
Final project back-end repo: www.github.com/jwyszowaty/ElderHelper-backend
Final project front-end repo: www.github.com/jwyszowaty/ElderHelper-frontend
Backend News App repo: www.github.com/jwyszowaty/be-jw-news
Website News App: luminous-sunshine-fe3228.netlify.app

- The boot camp involved high-intensity learning where I learned about the industry's best practices
- Practised collaboration in paired programming throughout the boot camp and significantly improved interpersonal skills

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

- Prepared over 600 hours of online lessons for Polish high school students
- Improved my students' pronunciation
- Helped them overcome a fear of speaking in a foreign language

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

- Organic synthesis of substituted amphetamines and analogues of cannabidiols
- 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 (^1H , ^{13}C , ^{19}F)

Summer Intern **NewChem Technologies** **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** **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
- Welcomed and directed patients in the centre to the check-in desks and kept them company in the queue, which in many cases distracted them from their fear of vaccination
- Organised a line for patients under 18 to maintain a good flow of patients and their parents and made sure their visit was as comforting as possible

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.