

Tadgh Purcell

Dublin | [linkedin.com/in/tadghp](https://www.linkedin.com/in/tadghp) | github.com/TadghPurcell | tadghp@gmail.com | 0862387510

Technical Skills:

- Languages: JavaScript, Java, Python, HTML5, CSS, SQL, TypeScript
- Technologies/Frameworks: AWS, ReactJS, Spring Boot, NodeJS, Docker, TailwindCSS
- Developer Tools: Git, Jest, JUnit, Pytest, Figma
- Databases: Postgres, MySQL, MongoDB

Education:

University College Dublin, MSc in Computer Science | Sep 2023 - Present | GPA: 3.92

Key Modules: Java Programming, Data Structures & Algorithms, Python OOP, Networks & Internet Systems, Web Application Development, Software Engineering

Waterford Institute of Technology, First Class Honours, BA (Hons) in International Business | Sep 2017 - May 2021

Relevant Courses: Business Strategy, International Corporate Strategy, Organisational Behaviour, Introduction to Statistics, Business and Financial Maths, IT & Communication Skills

Projects:

Anseo | tadghpportfolio.netlify.app/portfolio | <https://github.com/OvenBurn/Anseo>

In a group of six, we developed an application to help entrepreneurs select optimal neighbourhoods in New York for starting a business. The app uses statistics such as footfall, earnings, and crime rates, displaying the results for each neighbourhood on an interactive map. We used a tech stack that included React, Tailwind CSS, Java Spring Boot, Python, Docker, and AWS for development and deployment. The project was managed using Agile methodologies, utilising JIRA and Slack for sprint planning and daily scrum meetings.

On Your Bike | <https://onyourbike.info/> | <https://github.com/TadghPurcell/On-Your-Bike>

Developed a web application for Dublin Bikes users as part of a group project with two teammates. The application features an interactive map built using the Google Maps API and includes a built-in route planner. We scraped data from open-source APIs using Python scripts to input into a machine learning model for predicting real-time occupancy at each bike station. The application is hosted and deployed on AWS.

Portfolio | <https://tadghpurcell.netlify.app/> |

My portfolio website, built with Astro.js and Tailwind CSS, and deployed on Netlify.

Work Experience:

Graebel Relocation, Prague, Czech Republic, International Assignment Associate | Jul 2021 - April 2022

- Processed allowances, payments, and costs.
- Ensured transferee's services and expenses complied with the Client's policy.
- Maintained organised files, ensuring reliable tracking and reporting for sustained data quality.

Spěváček Language School, Prague, Czech Republic, ESL Teacher | Jun 2021 - Dec 2021

- Evaluated student progress and generated comprehensive reports.
- Encouraged a positive atmosphere in the classroom.
- Inspired and motivated pupils to reach their learning objectives.
- Evaluated student progress and generated comprehensive reports.

Noel Group Recruitment, Kilkenny, Ireland | April 2020 – May 2021:

- Maintained cleanliness and infection control during the Covid-19 pandemic.
- Followed strict guidelines to ensure high standards of cleanliness in Covid-19 wards.
- Helped to control the spread of the virus and maintain safe ward conditions.
- Provided food to patients throughout the day.

Irish Defence Forces, Dublin, Ireland, Private Soldier | Aug 2015 - Sep 2017

- Provided aid to the Civil Power.
- Engaged in ceremonial duties at both local and national events.
- Pursued ongoing training to enhance skills and proficiency with new equipment, adapting to a dynamic environment.

References available on request