

Ruairi Mulhall

Aspiring Full-Stack Developer | Java & PERN Stack |

Full-stack developer with 4 years of Java experience and hands-on expertise in the PERN stack. Proven track record delivering secure, scalable applications under Microsoft mentorship and freelance contracts. Proficient in API development, cloud storage integration, and UI/UX design.

Projects

Subtitle Translator App (Microsoft Mentored Project)

February 2025

May 2025

- React, Node.js, Express, MongoDB, Azure Blob Storage, Azure AI Translation, OAuth2, JWT
- Collaborated in a team of six using the Scrum methodology to build a subtitle translation platform under Microsoft mentorship.
- Developed secure file upload to Azure Blob Storage, integrated Azure AI for multi-language subtitle translation, and implemented editable previews with export to PDF/DOCX.
- Built RESTful APIs, user authentication via Microsoft OAuth2 + JWT, and a user dashboard for managing translation history.

Freelance Web Dev Project

March 2025

April 2025

- PERN Stack – PostgreSQL, Express.js, React, Node.js
- Built a full-stack booking platform for a sauna and cold therapy business, used weekly by staff and customers.
- Implemented RESTful APIs, a responsive React UI, and a PostgreSQL database to handle booking logic, time slot availability, and user input.
- Designed a secure admin view for staff to track customer info, arrival times, and payments (cash/Revolut).
- Currently expanding functionality with improved UI and staff tools.

Education

Bachelor of Science in Computer Science and Software Engineering

2027

Maynooth University, Kildare, Maynooth

Leaving Certificate

2016

St. Paul's Secondary School, Monasterevin, Kildare

2022

Achieved 509 points

+353 85 119 7260

mulhallruairi@gmail.com

Kildare

ruairimulhall.com

linkedin.com/in/ruairi-mulhall-815

Technical Skills

Languages: Java, JavaScript, Python, SQL

Web Dev: React, Node.js, Express, CSS

Databases: PostgreSQL, pgAdmin

Cloud & Deployment: Azure Blob Storage, Railway, Vercel

Strengths: OOP, Full-Stack Dev, API Design, UI/UX, Collaboration

Certificates

St. Paul's Academic Excellence Award

Perfect Attendance Award

Manual Handling Certificate

Java Course – Codecademy

Python Course – Codecademy

Languages

English

Experience

CSC Tutor

Maynooth University, Maynooth

October 2024

February 2025

Provided one-on-one support to students in computer labs, focusing on Java programming and data structures. Assisted students in understanding core concepts in algorithms and object-oriented design. Enhanced students' academic performance through guided problem-solving during lab sessions.

Additional Experience

Warehouse Operative (Millies Warehouse)

October 2022

December 2022

Developed organizational and teamwork skills in a fast-paced environment.

Factory Worker (Newbridge Foods)

February 2023

May 2023

Enhanced attention to detail and efficiency by managing quality control processes.