

Eduard Andrei Broasca

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EDUCATION

Maynooth University

B.Sc. in Computer Science & Software Engineering - 2.1

Kildare, Ireland

Sep. 2021 – Sep 2025

EXPERIENCE

Software Engineer Intern

AQ Metrics Limited

April 2024 – July 2025

Maynooth, Kildare, Ireland

- Front End Development with Angular, Typescript, JavaScript, SQL
- Jira for tickets and version control
- AGILE practices through Scrum meetings daily
- Developed Front End UI & UX features/components fit to customers' desired specifications & requirements
- Frequently resolved bug fixes, ranging altogether from front-end visual deformities to repairing back-end to front-end interactions

PROJECTS

Muscles Made Easy | *Angular, Typescript, Gitlab, Firebase*

Oct. 2024 – March 2025

- Capstone project of the bachelor's degree
- Developed a Single Page web-application in Angular (Typescript) with Firebase NoSQL database and deployed it to Firebase's hosting
- Utilized my knowledge and skills gained in the previous years along with experience from work-placement to develop this milestone
- Delivered end-to-end under tight deadlines as sole developer
- Application for fitness enthusiasts of all levels to discover new exercises, build a work-out plan and visualize their growth

MU Demonstrator Allocation System | *Python Flask, Docker, Gitlab*

Feb. 2024 – April 2024

- Tasked to nearly overhaul the university's lab demonstrator allocation website.
- Learnt Docker & Python Flask
- Acquired my first SCRUM workflow experience with daily meetings and retrospectives.

Chord Assist | *React, Node.js, Ollama, Github*

Sep. 2024 – Dec. 2024

- Developed a React & Node.js web app for guitar chord learning
- Implemented Ollama LLM for intuitive user assistance

TECHNICAL SKILLS

Languages: TypeScript, Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS

Frameworks & Libraries: Angular, React, Node.js, Flask, Material-UI, FastAPI, Matplotlib, NumPy

Developer Tools: Jira, Git, Docker, AWS Cloud, Google Cloud Platform, VS Code, Eclipse, Postman, Figma, Godot