

Diarmuid Hession

Churchtown, Ballinea, Mullingar, Co. Westmeath

 code@diarmuid.dev |  [Portfolio](#) |  [LinkedIn](#) |  [GitHub](#)

TECHNICAL SKILLS

- **Languages** - C#, .NET, Python, Java, JavaScript, TypeScript, C++
- **Web & Databases** - HTML, CSS, React, Angular, Node.js, SQL, MongoDB, Firebase, Netlify
- **Cloud & DevOps** - AWS (Amplify, LEX, Bedrock, Lambda, S3, CloudWatch, DynamoDB, EC2, Route 53, IAM), Azure, CI/CD (GitHub Actions), Cloudflare
- **Tools & Other** - CNN ML, Tesseract OCR, MNIST Dataset, Git, Linux, Visual Studio, Unit Testing, ERP Systems, Twilio, XAML

EXPERIENCES

I.T. Administrator Intern | QTP (2025)

- Automated 3+ repetitive tasks with Python scripts, saving 10+ hours/week.
- Contributed to daily Agile sprints, completing 12+ tickets per sprint.
- Assisted in rollout of 2FA system, securing 1,000+ customer accounts.
- Reduced IT ticket resolution time to under 24 hours.

Volunteer Coding Mentor | CoderDojo Mullingar (2024 - 2025)

- Taught coding basics to groups of 10–15 students, adapting to diverse learning styles.
- Collaborated with 5+ mentors to design engaging sessions, increasing retention.

Crew Member | McDonald's Mullingar (2022 - 2025)

- Delivered efficient service in a high-pressure environment, serving 300+ customers daily.

PROJECTS

AI Portfolio Chat Bot | Open AI, React, JSON

- An interactive portfolio chat bot designed to provide information about projects, skills, and background, offering visitors an engaging way to explore the portfolio.

Optical Ballot Recognition | Python, Tesseract, CNN ML, MNIST, OpenCV

- Implemented an OCR-based solution to extract and structure data from ballot paper images, showcasing skills in image processing, automation, and data handling.

Game Platform | C#, Classes, .Net, Unit testing, IGDB API, LINQ, Local SQL Database, WPF

- Developed a platform supporting login, browsing, and purchases for 428,000+ games from the IGDB API.

Personal Portfolio | React, Node, JavaScript, Json, S3, Netlify, Google SEO, CSS, Bootstrap, Twilio

- A personal portfolio developed to present professional skills, projects, and accomplishments in a structured and accessible format.

Weather App | React, CSS, JavaScript, Bootstrap, OpenWeather API, local storage, GitHub

- Developed a weather tracking application, featuring real-time forecasts, location tracking, and persistent recent searches for enhanced accuracy and user experience.

EDUCATION

BSc (Hons) Computing (Software) - Level 8 | *ATU Sligo Year 3 Student*

GPA: 2:1

Year 2

Course Title	Final Grade
Object Oriented Development	81
Object Oriented Programming	80
Web Programming	79
Mathematics 3	79
Database management	74
Cloud Computing	69
Client-Side Scripting	61
Software Quality and Testing	57
Database Technology	56
Web Design and Development	56
Mathematics 4	55

SOFT SKILLS

- **Problem Solving** – Quickly adapted to new tools and frameworks, troubleshooting integration issues to keep projects on track.
- **Teamwork** – Partnered with a UX designer on website updates that refined navigation and user flow.
- **Communication** – Documented key points from internal and external meetings in concise reports, ensuring team members had clear references for follow-up actions.
- **Adaptability** – Balanced academic work with part-time shifts at McDonald's and volunteer mentoring at CoderDojo, thriving in high-pressure environments.

REFERENCES

References available upon request.