

EOIN O'NEILL

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<https://portfolio.eoin-oneill.ie>

Personal Profile

A former government middle manager and policy analyst with six years' experience. I am completing a Higher Diploma (equivalent of a BSc) in Software Development in June 2022 and am seeking to start a new career in software engineering. On top of my technical capabilities, I can bring a broad skillset developed over years in the civil service, including project management, staff management, and working as part of large cross-functional teams involving stakeholders of varying technical skill on large-scale software system development and implementation projects.

Skills

Technical: JavaScript, CSS, MySQL, PHP, JIRA, Git, Docker, Java, C#, C++, and React.

Language: German (Intermediate, approx. B2 level).

Projects (links to the source code for all projects available on my [portfolio](https://portfolio.eoin-oneill.ie))

[Retainers and Warfare](#) (Solo Project, using PHP, MySQL, JS, Bootstrap and CSS)

A website that serves two purposes: the creation and use of 'Retainers' for Dungeons and Dragons and the creation and in-browser use of characters for Dungeons and Dragons, with 'Retainers' incorporated into the browser-based character sheet. This project used JavaScript, Bootstrap and CSS to create the front-end, while the backend is built in PHP and MySQL. The site uses forms to allow users to create new database records, tied to their user account on the website. Where the front-end needs to send data that is stored in JS to the backend, I have used AJAX to communicate data asynchronously with the server.

[TrackMyWorkouts](#) (Group Project, using React, Material UI and Firebase NoSQL database)

A group project of a Mobile Applications Development Module, that sought to develop a fully functional workout tracking app. This app using User Authentication and Session Manage to allow users to create workout templates, schedule workouts, track workouts and then view a history of their previous workouts. **A demo user is available for guests to view the application, log on details: demo@demo.com, CS385Project.**

[Frello](#) (Solo Project, using NodeJS, JS, React, React-Redux, JSS and Material UI)

A personal project that served mostly to explore the creation of interactable user interfaces using React to allow users to make changes the datastore held in React-Redux. Material UI was used to create the UI elements and JavaScript is heavily used throughout the site to create the functionality. The result is a website that is intended to closely mirror Trello, the popular Kanban-based project management site.

Education

2021-2022	Higher Diploma in Software Development (Expected: 1 st Class/4.0 GPA) Maynooth University Key Subjects: <ul style="list-style-type: none">• Objected Oriented Programming (Java),• Mobile Applications Development (JavaScript and ReactJS),• Databases (MySQL),• Algorithms and Data Structures (Java),• Software Testing (Unit Testing, TestNG).• Web Information Processing (e.g., Restful APIs)
2015-2018	BA in Business Studies (1 st Class/4.0 GPA) Griffith College Dublin (Part-time)
2009 – 2014	MA of European History (1 st Class/4.0 GPA) BA in English and History (2.1/3.7 GPA) Maynooth University

Previous Experience

2020 - 2021

**Administrative Officer, EU Policy, ETC
Programme Management and eCohesion
2021-2027.**

**EU Structural Funds Policy Unit
*DPER***

Role Description:

Represent Ireland on the Monitoring Committees and Task Forces that negotiate, design, draft and implement territorial cooperation programmes, which provide EU-funded support to key policy areas of interest to the Union and Ireland.

Scrutinise the proposed legislation for the 2021-2027 programming period of EU funding, building a network of cross-departmental officials and reviewing all regulatory proposals, with assistance of the expert officials for each policy area. Provide input of personal experience and expertise into Irish response to proposed Regulations.

Initiate project for development of new IT system, conducting gap analysis, gathering requirements, and providing strategic advice to senior management.

2017 – 2020

Public Finances Analyst

**Parliamentary Budget Office
*Houses of the Oireachtas***

Role Description:

Conduct detailed analysis of the financial implications of government decisions across a range of policy areas. Produce briefing material explaining regulatory and policy decisions at a domestic and European level to Members of the Houses of the Oireachtas.

Provide impartial, informative, and easily understandable briefings for Members on the key policy issues before the Houses and Dáil Committees in a timely manner. Consult with secretariat and political staff to ensure that work of the Office is aligned with the work programmes of Dáil Committees and the priorities of political parties.

2015 – 2017

Business Analyst, eCohesion

**EU Structural Funds Policy Unit
*DPER***

Role Description:

Conduct business analysis, requirements gathering and drafting of specification for a multi-million-euro IT system. Assisted project managers of system throughout development, testing and launch of system. Conducted tests of system as part of UAT. During this testing, I used JIRA to track development against requirements and testing of the solution.

Led projects for development of website and modification of existing IT system. Managed a budget of ca. €70,000 directly.

Functioned as secretary for oversight boards of IT projects related to EU funding, which required constant communications with senior officials from across government.

Additional Information

Interests

Weightlifting; Endurance cycling and half-marathon running; Game development and modding; Creating modules and adventures for tabletop RPGs; 3D Modelling and Graphic Design; Investments, stocks and cryptocurrency;

Referees

References available from previous employers upon request