

David Ryan

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[DAVIDRYAN-MU.GITHUB.IO](https://github.com/DAVIDRYAN-MU)

PROFILE

I am a backend software developer with one year of experience working with tools spanning cloud development, testing, automation and DevOps. My university experience includes mobile & web development, with a focus on UI/UX. I am also interested in front-end technologies such as React, Tailwind, and Typescript.

EXPERIENCE

SOFTWARE DEVELOPER, ORACLE, DUBLIN — JUL 2021 - PRESENT

Working on projects including developing micro services, building CI/CD pipelines, automation of infrastructure provisioning and application deployment. Experience includes using the Helidon microservice framework over GraalVM JDK 17, utilising polyglot programming and native image generation, configuring Kubernetes clusters, creating Helm charts, and writing Ansible playbooks to automate tasks.

IT INTRA, IRISH LIFE, DUBLIN — JAN 2020 - AUG 2020

Member of the development team within the Retail IT division. Followed agile development practices and object-oriented programming in C#. Developed unit & integration tests for existing application code and solved issues that arose from existing test code. Ensured the maintenance of code coverage.

EDUCATION

MAYNOOTH UNIVERSITY — SEP 2017 - PRESENT

BSc. Multimedia, Mobile & Web Development

Results:	Year 1	Year 2	Year 3
	68.8%	71.1%	72.4%

O'FIAICH INSTITUTE OF FURTHER EDUCATION — SEP 2016 - MAY 2017

QQI Level 5 Multimedia Production

COLAISTE RIS — SEP 2011 - MAY 2016

Leaving Certificate

ACHIEVEMENTS & INTERESTS

Awarded Best Society Fresher (2017/18), Maynooth University. Elected President MU DJ Soc (2018/19). Elected First Year Rep MU Cancer Soc (2017/18). Nominated Student of the Year (2016/17) for Multimedia Production, O'Fiaich. I enjoy practicing Muay Thai, boxing, learning guitar and getting to the west coast for a surf.

REFERENCES

Available upon request.

SKILLS

LANGUAGES

Java, C#, Python, Dart, HTML, CSS, Javascript, SQL, Bash

TECHNOLOGY

Docker, Kubernetes, Helm, Ansible, OCI Cloud, Maven, Helidon, Gitlab Pipelines

FRONT-END FRAMEWORKS

React, Flutter

VERSION CONTROL

Git, TortoiseSVN

DESIGN TOOLS

Figma, Photoshop, InDesign, Blender, Maya, Sony Vegas, Final Cut Pro

UNIVERSITY PROJECTS

CROSS-PLATFORM MOBILE APP FOR MOOD TRACKING

Designed and developed a cross-platform mobile app for mood tracking using Flutter. Conducted user research and user testing to see project through from wireframe to test build.

SPOTIFY VISUALISER

Consuming Spotify's API and making use of React and the p5 library to draw the waveforms of what a user is listening to on their web browser.

CAREER FINDING APP

A tool which assists leaving certificate students in deciding on a career path. Built with React on the front-end and interacts with a database hosted on Firebase.