

Education

UNIVERSITY COLLEGE DUBLIN

BE, Bachelor of Engineering (Electrical & Electronic Engineering). Cumulative GPA: 3.4
Coursework in Physics, Electrical Engineering, Chemistry, Mechanics, Computing, Mathematics, Thermodynamics

Belfield, Ireland

Anticipated: May 2024

THE INSTITUTE OF EDUCATION

Leaving Certificate. Achieved Results: H1, H2, H2, H2, H2, H2, H3, O5. Points: 565
Studied Subjects: Chemistry, Economics, Accounting, Mathematics, Biology, English, Irish (OL)

Dublin 2, Ireland

May 2020

Experience

LAND DIGITAL AGENCY

React Developer (Contracted)

Remote

July 2021– Present

- Worked collaboratively on a multi-disciplinary dev team to develop high-quality, composable solutions, in accordance with standard practices, using the Gitflow methodology with JIRA & Bitbucket Cloud.
- Actively partook in morning stand-ups, and weekly sprint plans in accordance with the agile/scrum methodology
- Engineered web interfaces with React, Typescript, GraphQL/Urql, Ant Design and SASS
- Developed in accordance with TDD standards, with system-level (e2e), integration, and unit testing

ONE PLUS ONE CLOTHING

Co-Founder, Chief Operations Officer, Chief Technical Officer

Dublin 2, Ireland

February 2017– Present

- Established a Shopify-based eCommerce fashion brand and media platform
- Making key day to day decisions that affect current and future business activities
- Managing the inventory, website, distribution, marketing, sales, and production of our merchandise
- Utilizing front-end JavaScript frameworks (React) to develop a statically generated eCommerce Website
- Improved conversion rates; average order values; lifetime customer value; lighthouse metrics with the new webstore

SICKLE CELL SOCIETY IRELAND

Frontend Software Engineer

Dublin 15, Ireland

December 2016– Present

- Ongoing project which involves developing, maintaining, and designing their website(s)
- Integrated a LMS system to offer paid educational courses with a full-stack Ruby on Rails setup

Other Activities

MURCH.APP (Work in Progress)

July 2019 – April 2020

Founder, Lead Software Engineer

- Architecture all frontend and backend infrastructure for a peer-to-peer multi-vendor ‘social’ marketplace
- Implemented hybrid recommender systems to serve tailored content towards users
- Built a GraphQL Relay API to serve the frontend mobile clients; and an API based authentication system
- Features include Feeds, Payments, Stripe, Personalization, Checkouts, Uploads, Notifications, Order Management

Open-Source Development

April 2020 – November 2020

- Published an open-source specification for JWT authentication with a Ruby on Rails API, and external logins.
- Released several open source react-native libraries

Volunteering

SICKLE CELL SOCIETY IRELAND

Youth Coordinator: Assisted in planning, organizing, fundraising, and hosting youth events

Dublin 15, Ireland

June 2015 – Present

Achievements & Certifications

- Awarded 1st Place Team in Marketplace Simulations
- Fundraising over €5,000 for Sickle Cell Society Ireland in Partnership with Our Lady’s Children’s Hospital Crumlin.
- Elected Member of The Kings Hospital Student Council (2015-2016)

Skills & Interests

Technical: JavaScript, Typescript, Swift, Ruby, Objective C, Java, Kotlin, MATLAB, Python

Language: English (Native), French (Conversational)

Interests: Music, Fashion, Graphic Design, Cooking, Rugby, Hockey