

# Evan O'Rourke, Software Engineer

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## LINKS

[Portfolio Website](#), [Linkedin](#), [GitHub](#)

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## PROFILE

Hard working, fast learner, passing for programming and learning new technologies during my free time.

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## SKILLS

Programming: **TypeScript/JavaScript, Python, Java, C#**

Web & Database: **HTML, CSS, React.js, Node.js, MySQL**

Tech: **GIT, Azure, Postman, VS Code, IntelliJ, Eclipse, MS Office**

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## RELEVANT EXPERIENCE

Jun 2023 — Aug 2023

### Software Engineer Internship, Optum

Dublin

Designed and developed an application that automatically collects and analyzes information, extracting valuable insights and trends from data, which is then presented to users through an intuitive front-end, streamlining the research process for an internal team.

Technologies used: **Python, NLP, Web Scraping, GIT**

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## EDUCATION

Sep 2021 — Present

### Bachelor of Science in Computing, National College of Ireland

Dublin

Relevant coursework: **Data Structures and Algorithms, Object Oriented Programming, Advanced Databases, Web Application Development, Data Communications and Networking, Software Quality and Testing**

Aug 2020 — Jun 2021

### Software Development, Blackrock Further Education Institute

Dublin

I was awarded a QQI Level 5 Certificate from BFEI's Software Development course with distinctions in **Software Architecture, Fundamentals of Object-Oriented Programming, Web Development, Databases and Mobile Technologies** modules.

Sep 2013 — Jun 2019

### Leaving Cert, Virginia College

Cavan

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## PERSONAL PROJECTS (PROJECT LINKS ON PORTFOLIO WEBSITE)

### Drink Recommendation App

Collaborated on a college team project that employed a recommendation system to propose drinks for users, tailored to their preferences. The system also provided step-by-step instructions for creating the suggested drink.

Developed the front-end using **React.js** and **TypeScript, SASS**. Engineered the back-end using **Node.js** and **Express.js**, with a **MySQL** database hosted on **Azure**.

### Task Management App

Designed and developed a Task Management application enabling users to generate personalized task lists. Each task is customizable with icons, colors, and priorities. Implemented sorting for tasks based on icons, colors, and priorities.

Constructed the front end using **React.js, TypeScript, SASS**.

### Sorting Algorithms Visualization

Created a Sorting Algorithms Visualization Website using **JavaScript, HTML-CSS**. Users are able to select from a range of sorting algorithms, adjustable sorting speeds, and array sizes. Incorporated **sorting algorithms** such as Bubble Sort, Insertion Sort, and Selection Sort.

Many More Side Projects On My GitHub