

Patrick Berry

Full Stack Software Developer

Computer Science Graduate - Trinity College Dublin



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Cahir, Ireland



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github.com/patrickberry1

TECHNICAL SKILLS

.NET

C#

SQL Server

SQL

TypeScript/Angular

Java

Azure

LANGUAGES

English

Native or Bilingual Proficiency

French

Limited Working Proficiency

Spanish

Elementary Proficiency

Irish

Elementary Proficiency

INTERESTS

Bouldering

Cycling

Gaming

Cooking

WORK EXPERIENCE

Full Stack Software Developer Financial Risk Solutions

09/2018 - 09/2021

Dublin, Ireland

FRS provides wealth and asset management/administration solutions.

Achievements/Tasks

- Worked to develop a new standardized scripted deployment procedure for testing environments using powershell and Microsoft Azure which greatly improved testing efficiency.
- Worked to develop a new set of screens in the web app using Angular. Beginning with wireframe diagrams worked through the entire development process to develop responsive, functional new screens to allow users to better manage their assets
- Made large scale performance improvements to the backend by using code and SQL analysis to determine problem areas, then made code and query improvements to significantly improve runtime efficiency.
- Underwent large scale refactoring of old business logic to resolve old issues and allow for new features to be implemented, improving the user experience for existing customers.

Contact: Inquire for reference.

Career Break

Spent time rock climbing across Europe in Spain, France, Switzerland and the UK

09/2021 - Present

PROJECTS

Timer Android App (08/2023 - Present)

- Currently using Java to develop an android timer app, intended to be used for timing sets, reps and rest for work outs. It has the ability to create, edit, delete and run timers. The code is available to view on my github.

Final year Project: Video Exploration Through Semantic Annotation (01/2018 - 05/2018)

- Performed research into the semantic web and video annotation. Used the knowledge gained to develop a program using Python with the goal of determining whether it would be possible to use existing metadata about video files to generate new metadata about said files and use this metadata to navigate and explore video in a new way.

Event Planning Web App (01/2018 - 04/2018)

- Worked in a team of 4 to develop a web application using Python for the purpose of organizing and managing charity fundraising events. We worked in bi-weekly sprints using agile methods to ensure we got all the features implemented on time. I worked on the front end of this project ensuring a good user experience as well as on the back end developing the routing methods for the web app.

EDUCATION

Third Level

B.A. Mod. Computer Science II-1 - Trinity College Dublin

09/2014 - 05/2018

Dublin, Ireland

PERSONAL ACHIEVEMENTS

7C+ bouldering grade and 1st Dan black belt in Taekwondo