

# Daniel Flaherty

## Junior Fullstack Software Developer

GitHub / LinkedIn / Portfolio

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### Executive Summary

Junior Software Developer with 6+ years of diverse experience in civil engineering, medical devices, and teaching. Proficient in HTML, CSS, JavaScript, and Python. Strong problem-solving skills and effective communication. Seeking an exciting development role to learn, grow, and contribute.

### Education

Jan 2022 - Present      Code Institute      Dublin, Ireland (Remote)  
Diploma in Full-stack Software Development (Accredited by the University West of Scotland)

### Technical Skillset

| TECHNOLOGIES                              | VERSION CONTROL |
|---|-----------------|
| HTML 5<br>CSS 3<br>PYTHON 3<br>JAVASCRIPT | GIT<br>GITHUB   |

### Portfolio Projects

- DL Construction** – Website for a construction company. **Technologies:** HTML, CSS, JavaScript **GitHub repository:** <https://github.com/danny-fla/dl-construction.git>
- Picture This** – Picture selecting quiz game. **Technologies:** HTML, CSS, JavaScript **GitHub repository:** <https://github.com/danny-fla/Project-Portfolio-2.git>
- Python Roulette** – Command line Roulette simulator. **Technologies:** Python **GitHub repository:** <https://github.com/danny-fla/Python-Roulette.git>

### Collaborative Projects

**SolrSavr** – Web app that calculates potential savings by using solar energy. **Technologies:** HTML, CSS. **GitHub repository:** <https://github.com/alexanderglemme/hackathon-team2-jan-23.git>

### Work Experience

- Oct 2019 - Present      Pavement Management Services LTD      Technician      Galway, Ireland
- Achieved exceptional results in operating and maintaining the Road Surface Profiler (RSP) machine, equipped with lasers, accelerometers, and motion sensors.
  - Consistently delivered accurate and comprehensive data collection using the RSP system, resulting in highly informative pavement performance reports and informed decision-making by project stakeholders.
  - Utilized ground-penetrating radar technology with precision and expertise, successfully surveying and imaging

subsurface materials across various structures without surface disruption.

- Applied advanced analytical skills to interpret electromagnetic radar pulses and analyze GPR data, effectively identifying subsurface characteristics and anomalies, contributing to the early detection of potential issues and enhancing project planning processes.
- Collaborated seamlessly with cross-functional teams, actively incorporating RSP and GPR findings into civil engineering projects. This resulted in improved project outcomes, enhanced quality assurance, and streamlined decision-making processes.

**Oct 2021 - Sept 2022**

**Number 16**

**Educator**

**Barcelona, Spain**

- Demonstrated exceptional teaching abilities by successfully instructing diverse groups of students, including children, teenagers, and adults, both online and in traditional classroom settings.
- Designed and delivered engaging and interactive lessons tailored to the specific needs and proficiency levels of individual students, resulting in notable improvements in their language skills and overall engagement.
- Provided personalized instruction and guidance through private online tutoring sessions, effectively addressing students' unique learning needs and supporting their academic progress.
- Facilitated accelerated language development in intensive summer school programs, creating and delivering dynamic lessons that enhanced students' language skills within a short timeframe.
- Organized and led enriching extracurricular activities that fostered language immersion, cultural exchange, and a vibrant learning environment, promoting students' holistic language acquisition and engagement.

**May 2017 – Sept 2019**

**Advant Medical**

**Material Handler**

**Galway, Ireland**

- Demonstrated exceptional efficiency and attention to detail as a warehouse worker, effectively managing logistics, inventory, and supply chain operations to ensure smooth and timely delivery of materials.
- Contributed to a well-organized and streamlined warehouse environment, maintaining accurate records, adhering to regulatory guidelines, and collaborating with cross-functional teams to optimize material flow and enhance overall operational efficiency.

### **Certificates/Courses**

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- Diploma in Full-Stack Software Development from Code Institute.
  - Diploma in Quality Science from Atlantic Technological University.
  - Certification in Teaching English from Cambridge University.
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**References available on request.**