**Joe Fagan**

**Phone:** +353 86 030 2151 Email: joefagan99@gmail.com

**LinkedIn ie**.linkedin.com/in/joe-fagan-90ba091a1/

**SUMMARY**

**I** am a hardworking, upbeat, friendly person who has a passion for IT. I have developed numerous programs in my time at university in TU Dublin studyingBSc in Computing with Software Development. They include Java, Python and SQL. I enjoy learning new skills and embrace new challenges. I am keen to show my ability in teamwork, problem solving and time-management. I enjoy the collaborative process of working with others. I hope I can prove that I can make a positive contribution to your organization.

**IT SKILLS**

* **Database**: I can write SQL queries using Oracle. I am able to design and create database schemas.
* **Web development**: Capable of designing developing websites using Django, CSS, Bootstrap and HTML5, as well as flutter and Typescript.
* **Data analysis**: I can analyse, write, and change data using Excel, and Python.I can analyse and design systems using UML Diagrams.
* **Operating Systems**: I am a competent user of Windows and Linux Operating Systems command line and system administration.
* **Software Development**: I can write scripts in PowerShell and Python. I am competent in the use of Java, python C++ and C# for application and project development

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* **Cloud Computing**: I have experience of using cloud environments e.g., Azure

**WORK EXPERIENCE**

**March 2019 – September 2019 Legal Intern Johnson’s Solicitors**

Johnson’s solicitors are a legal firm with offices in Belfast and Dublin dealing with corporate and commercial litigation services. I was a full-time law intern for 5 months mainly focusing on support in civil cases and defamation. Through this I got excellent in office experience in a high paced environment with challenging deadlines, as well as working as part of a team of lawyers and support staff.

**Main Responsibilities**

* General administrative duties.
* Preparing Discovery for cases.
* Reading through evidence e.g., medical records, CCTV footage, witness statements etc and comparing it to the reported events and noting any inaccuracies or differences.
* Report Writing.
* Taking minutes in meetings, assisting barristers and solicitors at Court.
* Meeting with and looking after clients.

**January 2022 – July 2022 Software Engineer Intern Workhuman**

Workhuman is a technology company with offices in Dublin and Framingham, Massachusetts. They provide cloud-based human resources and social recognition software to companies to help their employees to recognise and reward each other. I was a full-time intern for 6 months. My role was on the Moodtracker team, one of Workhuman’s latest technologies which is built using Python and Typescript, I mainly worked on the Python back-end writing new functions or cleaning up old functions to make them run faster. I participated in all activities as a full employee of the company including stand ups, team meetings, reflections and brainstorming sessions. This role gave me the full experience of a software developer working in a state-of-the-art environment with short deadlines as well as working with other developers via code reviews, pair programming and agile methodology.

**Main Responsibilities**

* Back-end software development.
* Full usage of Python to develop the Moodtracker app.
* Typescript for any front-end development.
* Version control with Git.
* Working in a team that implements agile and DevOps software development methods.

**EDUCATION & QUALIFICATIONS**

**Final year student BSc in Computing with Software Development**

Technological University Dublin, Tallaght Campus

**Significant Projects Undertaken**

**Python Wholesaler Website**

**Description**

A team project involving the development of a Wholesaler Website, where multiple user types worked in tandem so that customers could easily order items, warehouse workers could organize those items for delivery and couriers could deliver said items. Features included account authorization and location-based delivery pricing, fully automated email system with EU vat number validator. It also included general website functions such as login/sign up, shopping cart etc.

**Challenges faced:**

* Working remotely due to Covid-19.
* Integrating and tailoring a dynamic email system to many different user types.
* Validating EU vat numbers to be used for tax discounts.

**Technologies & Tools Used:**

Django, Python, Google Maps API, Bootstrap, CSS, HTML, Selenium.

**INTERESTS & ACHIEVEMENTS**

* + Sport, Reading, Current Affairs, Movies,
  + Played Gaelic football for 10 years with Jude’s GAA club, won the Féile and then the Championship the year after.
  + Played Rugby in Secondary School.
  + Played football for Templeogue Football Club for many years

Posts of responsibility

* + Volunteer for Meals on Wheels in Drimnagh.
  + Raised over €3000 for the charity Bóthar by doing a sponsored run.
  + Volunteered in a soup kitchen in Smithfield.

**REFERENCES:** Available on request.

Tracey Lyons

Senior Alumni Relations Manager

TU Dublin

tracey.lyons@@tudublin.ie

087 6811370