

Fiorenzo Wattalage Fernando

Software Engineer

Agile Computing graduate with a strong foundation in C#, JavaScript, and Cloud Computing fundamentals, with the ability to leverage SQL data access and apply Object-oriented Programming principles. Highly motivated to continuously improve, will be AI-900 certified in June 2024.

Education

London Metropolitan University London, UK 2017-2022
B.Sc. (Hons) Computing

Relevant courses: Application Development, Databases, Programming

Personal Projects

Workflow Engine (C#) May 2024

Simulation of a workflow engine that implements an interface to execute different implementations of the same method (Execute) in different workflows (UploadTrack and UploadVideo). Designed following the Open-closed principle in SOLID design, where the behavior of the application is output on the console and can be changed only by adding new classes.

DbConnectCmd (C#) May 2024

Simulation of connection to 2 different databases (SQL Server and Oracle) by using derived classes that contain override methods which provide the missing implementation for the abstract parent class. Demonstrates use of all four principles of Object-Oriented Programming.

Stack (C#) May 2024

Simulation of the data structure "stack", where objects can be pushed onto the stack and when popped will be displayed on the console. Demonstrates use of defensive programming and error handling.

Stopwatch (C#) April 2024

Simulation of a stopwatch with methods for starting and stopping that print duration on the console. Demonstrates use of encapsulation and fundamental knowledge of loops and conditional statements.

Work Experience


Crowne Plaza (IHG Hotel) | Food & Beverage March 2024-Present
(Utrecht, Netherlands)

WH Smith | Sales Assistant March 2022-March 2023
(London, UK)


CyberCare | Trainee (Internship) January 2022-March 2023
(London, UK)

Costa Coffee | Barista Maestro January 2018-January 2023
(London, UK)

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 github.com/gritNgo

SKILLS

Programming Languages:
C#, JavaScript, CSS, HTML

Frameworks & Libraries:
.NET, React, Next.js

Testing:
MSTest

Databases:
MongoDB, MySQL

Cloud Computing:
Azure (AI900 cert. on 24/06/24)

Tools & Platforms:
Git, GitHub, Figma

Project Management:
Agile, SCRUM

LANGUAGES

English: Fluent

Italian: Native

Sinhalese: Native

Dutch: Learning