Full Stack Web Developer program   
skills demonstration meeting

**Presentation Topics**

1. **Programming**

2. **Working as a Software Developer**

3. **Software implementation using a software component library**

**Programming**

**Use of software development environments**

* I got an overview of the .NET core framework ecosystem
* Learned to use the Visual Studio IDE to create and manage solutions and projects
* Debugging with Visual Studio debugger, find and fix errors with copilot
* XUnit testing framework
* Pros and cons of MemberData, ClassData and TheoryData attributes for loading test data.
* Learned to use MySQL workbench
* Learned to use MS SSMS
* Did data migration from MySQL to SQL server using SSMA

**Coding**

* Deep dive into OOP with C#
* Created data fetching library using MS Interop assembly to fetch test datasets from Excel
* Created test data manipulation library utilizing C# Reflection

**Working as a Software Developer**

**Working in a software development team**

* Got an overview of MS Azure DevOps
* Participated in sprint planning and review sessions, retrospective session
* Participated in version reviews and UI standardization discussions
* Brainstormed with team members about the most optimal solutions for my tasks
* Shared my challenges, sought help when stuck

**CI/CD**

* Learned to work with git using trunk-based development
* Deployed code to production through a pipeline
* Helped debug and fix failed pipeline deployments

**Software implementation using a software component library**

**Developing software using a software component library**

* Developed a ASP.net web application using the Blazor framework
* Investigated, tested, and demonstrated the features of the DevExpress component library for Blazor