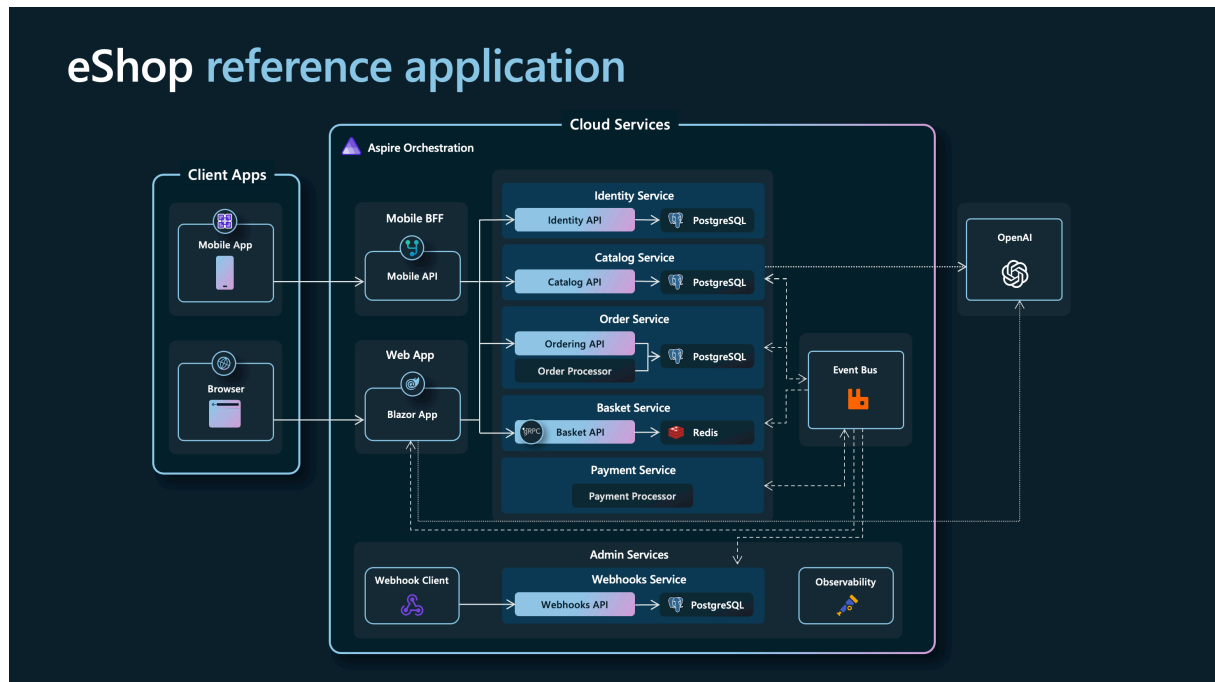
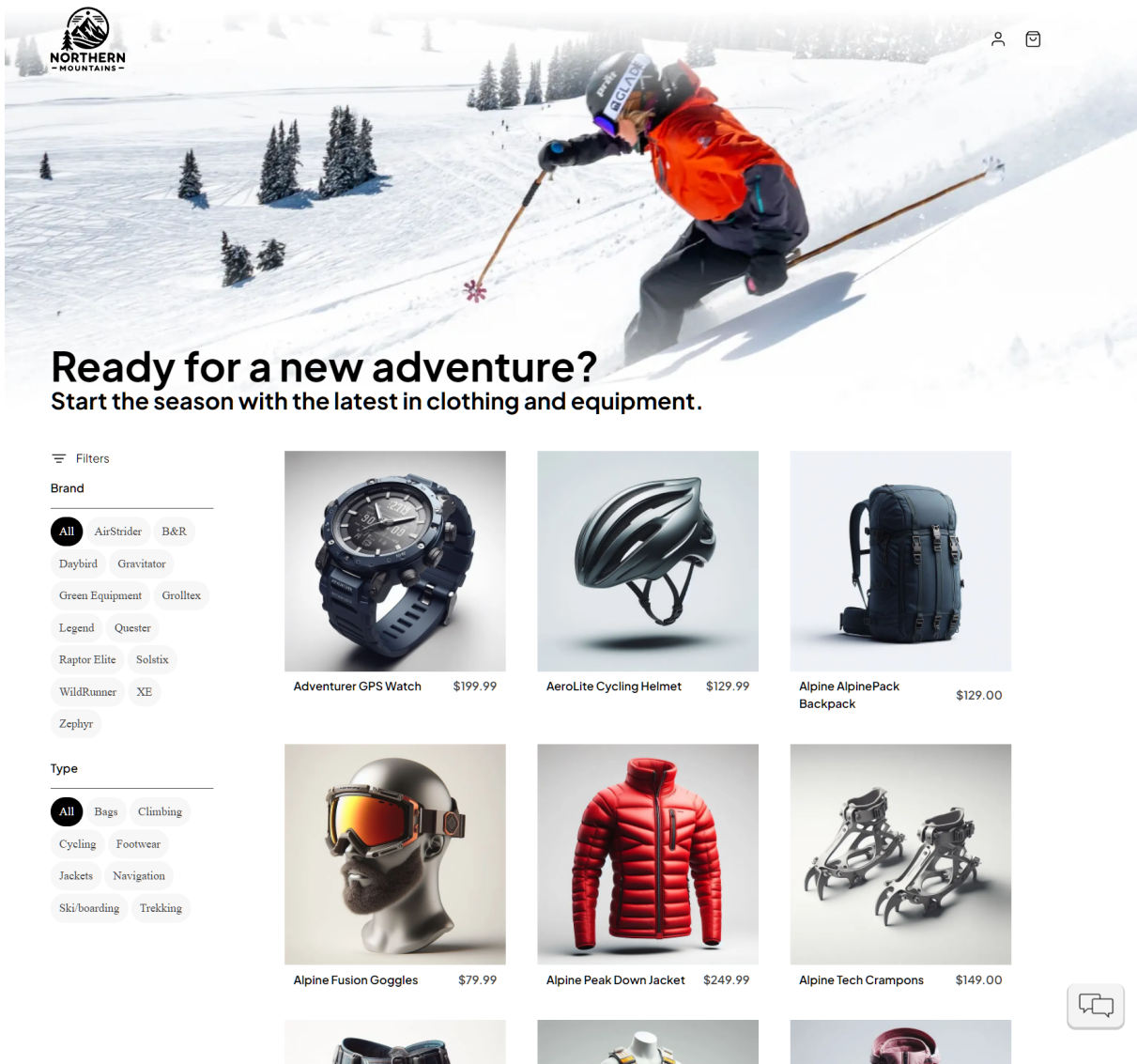


eShop Reference Application - “Northern Mountains”

A reference .NET application implementing an eCommerce web site using a services-based architecture.





Getting Started

Prerequisites

- Clone the eShop repository: <https://github.com/dotnet/eshop>
- (Windows only) Install Visual Studio. Visual Studio contains tooling support for .NET Aspire that you will want to have. Visual Studio 2022 version 17.10 Preview.
 - During installation, ensure that the following are selected:
 - ★ **ASP.NET** and **web development** workload.
 - ★ **.NET Aspire** SDK component in **Individual components**.

-
- Install the latest .NET 8 SDK
 - On Mac/Linux (or if not using Visual Studio), install the Aspire workload with the following commands:

```
1 dotnet workload update
2 dotnet workload install aspire
3 dotnet restore eShop.Web.slnf
```

- Install & start Docker Desktop: <https://docs.docker.com/engine/install/>

Running the solution

[!WARNING] Remember to ensure that Docker is started

- (Windows only) Run the application from Visual Studio:
- Open the `eShop.Web.slnf` file in Visual Studio
- Ensure that `eShop.AppHost.csproj` is your startup project
- Hit Ctrl-F5 to launch Aspire
- Or run the application from your terminal:

```
1 dotnet run --project src/eShop.AppHost/eShop.AppHost.csproj
```

then look for lines like this in the console output in order to find the URL to open the Aspire dashboard:

```
1 Now listening on: http://localhost:18848
```

Sample data

The sample catalog data is defined in `catalog.json`. Those product names, descriptions, and brand names are fictional and were generated using GPT-35-Turbo, and the corresponding product images were generated using DALL·E 3.

Use Azure Developer CLI

You can use the Azure Developer CLI to run this project on Azure with only a few commands. Follow the next instructions:

- Install `azd`.

-
- Log in [azd](#) (if you haven't done it before) to your Azure account:

```
1 azd auth login
```

- Initialize [azd](#) from the root of the repo.

```
1 azd init
```

- During init:
 - Select [Use code in the current directory](#). Azd will automatically detect the Dotnet Aspire project.
 - Confirm [.Net \(Aspire\)](#) and continue.
 - Select which services to expose to the Internet (exposing [webapp](#) is enough to test the sample).
 - Finalize the initialization by giving a name to your environment.
- Create Azure resources and deploy the sample by running:

```
1 azd up
```

Notes: - The operation takes a few minutes the first time it is ever run for an environment. - At the end of the process, [azd](#) will display the [url](#) for the webapp. Follow that link to test the sample. - You can run [azd up](#) after saving changes to the sample to re-deploy and update the sample. - Report any issues to [azure-dev repo](#). - [FAQ and troubleshoot for azd](#).

Contributing

For more information on contributing to this repo, please read the [contribution documentation](#) and the [Code of Conduct](#).

eShop on Azure

For a version of this app configured for deployment on Azure, please view the [eShop on Azure repo](#).