

The background of the slide features a close-up, slightly blurred image of a person's hands typing on a laptop keyboard. Overlaid on this image are several semi-transparent digital icons: a bar chart in the upper left, a line graph in the middle left, and a gear icon in the bottom left. Additionally, several location pin icons are scattered across the right side of the image, particularly near the hands and keyboard. A small orange horizontal bar is located in the top left corner.

Capstone Project E-Commerce App

- by Govind

Key Takeaways/Learnings from this Training

The key learnings I had in this training:

- Learnt ASP.NET Core, MVC, Web.API and C# Console Apps,
- Understood coding conventions,
- Front-end implementation using Angular(v 18), and HTML/CSS,
- SQL/LINQ/ADO.NET(v 8.0),
- Clean Architecture,
- Structured programming,
- State and memory management

A great learning and training session to start my career as an ASP.NET Software Engineer.

Problem Statement of the Capstone Project

Short Description of my problem statement,

- This E-Commerce Application allow users to browse products, add them to their cart, place orders.
- All users registered are authenticated and authorized.
- User can Browse multiple Products in this web application.
- Only Admin can add products and categories.

List of Tools Used

- ASP.NET Web API
- Postman/Swagger
- C# (Back-end)
- JWT (For authentication & authorization)
- Angular(Front-end)
- Local SQL-DB
- Bootstrap & Material (For styling)



Project Images





Login Page

Login

Email address

Password

Login

Home Page

[Home](#)[My cart](#)[My Orders](#)[Logout](#)

Redmi 13 pro
smartPhone

Rs. 21000

Add to Cart



Samsung
SmartPhone

Rs. 19999

Add to Cart



Lava
SmartPhone

Rs. 15499

Add to Cart



Intel
SmartPhone

Rs. 7999

Add to Cart

My Cart

Your Shopping Cart

Redmi 13 pro

Quantity: 3

Order Now

Project Demo



**LIVE
DEMO**

Conclusion

- Online E commerce platform to order products easily.
- Made with help of Angular to act Web Application as Single page Application.
- The application is also authenticated using JWT security token for Security.



GitHub Link for Capstone Project

<https://github.com/govind-26-3/Assignment.git>



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Thank You!

