

# AVINASH INSTITUTE OF INFORMATION TECHNOLOGY

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## ASP.NET Core in Real-World Projects: Design, Development, Scrum & CI/CD

NEXT BATCH  
15th April 2026

DURATION  
3 Months | Mon-Fri

TIMINGS  
7:00 PM – 9:00 PM

BATCH SIZE  
Max 20 Students

**PROJECT:** ShopNow E-Commerce Store — Built from scratch using real industry practices

### COURSE SYLLABUS

01	Introduction & Environment Setup	03	ASP.NET Core MVC Basics
02	C# Fundamentals & OOP	04	Routing & Middleware
05	Entity Framework Core	06	Database Design & Migrations
07	Authentication & Identity	08	REST API Development
09	JWT & OAuth2 Security	10	Frontend — Razor & Bootstrap
11	JavaScript & AJAX	12	ShopNow Project — Phase 1
13	ShopNow Project — Phase 2	14	Payment Integration
15	Admin Panel Development	16	Design Patterns
17	Unit Testing	18	Integration Testing
19	Agile & Scrum Methodology	20	Jira & Project Management
21	Git & GitHub Advanced	22	CI/CD with GitHub Actions
23	Azure DevOps Pipelines	24	Cloud Deployment (Azure)
25	Performance & Optimization	26	Interview Prep & Career Guidance

**26**  
SECTIONS

**184**  
LECTURES

**3 Months**  
DURATION

**17,500**  
COURSE FEE

### WHAT YOU WILL GAIN

- ✓ Real-world project experience with ShopNow E-Commerce Store
- ✓ Industry-standard development practices used by top software companies
- ✓ Hands-on CI/CD pipeline setup and cloud deployment on Azure
- ✓ Agile & Scrum skills — sprint planning, standups, retrospectives
- ✓ Interview preparation and career guidance for first job placement

### YOUR INSTRUCTOR: Avinash Mahajan

Engineering Delivery Leader | 22+ Years Industry Experience | Ex-Webgility (US SaaS, \$8M ARR)