

A man in a dark suit, white shirt, and dark tie is smiling and holding a laptop. The background is a mix of light and dark red with a halftone pattern at the bottom.

**START YOUR
COPILOT
CAREER TODAY!!**

CREDO SYSTEMZ

**Copilot
Program**

Capstone Projects :

Real Time Business Scenario using Copilot



Sales Forecasting with Copilot in Excel

Use Copilot to analyze historical sales data, build forecasts, and create dynamic dashboards for better sales planning.



Automated Report Generation in Word

Generate professional reports and summaries instantly from raw project or sales data using Copilot in Word.



Email Drafting & Insights in Outlook

Automate client follow-ups, draft personalized emails, and extract action items from conversations with Copilot in Outlook.



Project Timeline Management in Teams

Use Copilot in Teams to track tasks, update timelines, and generate project progress summaries.



Financial Budgeting with Copilot in Excel

Build AI-powered budget forecasts, expense tracking models, and what-if analysis for financial planning.



Presentation Builder in PowerPoint

Transform reports or text inputs into professional, AI-generated presentations with visuals using Copilot in PowerPoint.



COPILOT COURSE SYLLABUS

● Section 1 : Introduction to AI in Development

- Evolution of AI in coding
- GitHub Copilot – code generation, debugging, testing
- GitHub Copilot vs Microsoft Copilot
- How AI understands prompts and context in code
- Limitations and best practices
- Future of AI in Development

● Section 2 : Getting Started with GitHub Copilot

- Creating a GitHub account
- Enabling GitHub Copilot in your account
- Installing the GitHub Copilot extension in VS Code
- Installing in JetBrains IDEs
- Configuring workspace settings for optimal suggestions
- Managing permissions and data privacy settings
- Understanding inline suggestions (ghost text)
- Using block suggestions for larger code snippets
- Shortcuts and hotkeys for faster acceptance

● Section 3 : Prompt Engineering Fundamentals

- Crafting effective prompts for generating new code
- Converting comments to code and code refactoring techniques
- Developer-focused scenarios and use cases
- Best practices for building complex features with prompts
- Prompt debugging to improve code generation outcomes

● Section 4 : AI-Powered Code Generation

- Writing natural language prompts for code
- Generating small functions and reusable components
- Complete classes and modules from scratch
- Using Copilot Chat to explain existing code
- Refactoring old code
- Adding inline comments automatically
- Creating API integration scripts
- Automating repetitive code structures
- Building prototypes and MVPs quickly
- Combining AI-generated and manual code effectively

● Section 5 : Testing & Quality with AI

- Auto-generating unit test cases from code
- Test-driven development workflows
- Generating API test scripts
- Creating test data automatically
- Writing integration tests with minimal input
- Detecting missing test scenarios
- Improving test coverage
- Reviewing AI-generated tests
- Reducing human error in test writing
- Using AI for regression test updates

● Section 6 : Debugging & Optimization

- Identifying syntax errors automatically
- Suggesting fixes for logical errors
- Explaining the cause of code bugs
- Optimizing database queries
- Improving algorithm efficiency
- Refactoring long functions into smaller
- Detecting security vulnerabilities
- Automating repetitive debugging steps
- Learning debugging patterns from suggestions

● Section 7 : Multi-language Development

- Switching between programming languages
- AI assisted coding in Python
- AI assisted coding in JavaScript/TypeScript
- AI assisted coding in Java
- Handling different syntax and structure automatically
- Using Copilot for front-end, back-end, and full-stack projects
- Maintaining consistent code style across languages

● Section 8 : Real Time Projects

- Employee Management System
- E-Commerce Product Catalog & Ordering System
- Bug Tracker with AI-assisted Testing
- Real-Time Chat Application
- API Integration and Automation



Tools Covered

Visual Studio Code



Visual Studio IDE



JetBrains IDEs



Neovim



GitHub Codespaces



Command-line tools



Skills Covered

Programming/Software Development



Code Autocompletion & Snippet Generation



AI-assisted Debugging



Refactoring & Code Optimization



Understanding Code Context & Patterns



Familiarity with APIs & Libraries



Earn your Copilot Course Completion Certificate

Credo Systemz's certificate is highly recognized by
30K Global companies around the world.



WHAT OUR **TRAINEE** SAYS?



Libi charan

4.7 ★★★★★

Excellent course! Clear explanations, step-by-step guidance, and practical examples. Learned to use Copilot effectively. Highly recommend for beginners and professionals..



Srivarshini

4.2 ★★★★★

Had a wonderful learning experience at Credo Systemz. The Copilot course was clear, easy, and effective. Trainers were very supportive and the proper coordination's. Thank you Credo Systemz



Jason Israel

5.0 ★★★★★

Highly recommended course! Trainers explained Copilot features simply. Learned real-world applications. Increased productivity immediately. Perfect for students and professionals alike.



Vasmitha

4.9 ★★★★★

Credo Systemz delivered a well-structured Copilot Training for software Tester. Trainers explained everything clearly. Gained useful knowledge. Very helpful for career growth.



Abinaya

4.0 ★★★★★

Credo Systemz provided a great Copilot Training for software Tester. Easy explanations, hands-on practice, and helpful trainers. Perfect for beginners and professionals alike.



Padmesh

4.5 ★★★★★


Very helpful training! The course makes Copilot Training for Data Analysts easy to understand. Great for productivity. Learned tips I can apply daily. Highly recommended. Thank you Credo Systemz



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OVERSEAS

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