BlueTech
we create new talents

**Advancing Careers in COBOL Programming:
A Comprehensive Career Development Course**

Duration: 40 hours

Audience:

COBOL Programmers/Engineers

Objective:

This career development course is designed to empower COBOL programmers with the skills and knowledge necessary to advance their careers in a rapidly evolving technology landscape. Participants will deepen their expertise in COBOL, acquire new skills in modern development practices, and develop a well-rounded skill set to thrive in the dynamic IT industry.

Benefits:

- Upgrades COBOL programming skills with modern practices.

- Equips participants to integrate COBOL applications with contemporary technologies.

- Provides hands-on experience with version control and collaborative tools.

- Enhances database integration skills and familiarity with modern development environments.

- Develops soft skills essential for career growth and advancement in the IT industry.

Course Outline:

Foundations of COBOL Programming

- Review of COBOL syntax and structure

- Advanced programming techniques in COBOL

- Debugging and troubleshooting

Modernization of COBOL Applications

- Integrating COBOL with contemporary technologies

- Web-enabling COBOL applications

- Introduction to APIs and microservices in COBOL

Version Control and Collaboration Tools

- Git version control for COBOL projects

- Collaborative development using platforms like GitHub or GitLab

- Best practices for code review and collaboration

Database Integration with COBOL

- COBOL-DBMS interaction

- SQL integration for COBOL programmers

- Handling data in modern database systems

COBOL in a DevOps Environment

- Understanding DevOps principles

- Continuous integration and continuous deployment (CI/CD) for COBOL

- Automated testing in COBOL projects

Soft Skills and Career Advancement

- Effective communication for COBOL professionals

- Building a personal brand in the IT industry

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- Strategies for career growth and advancement