

INDUSTRIAL TRAINING JOB SCOPE

The following are the training requirements and professional development skills to gain relevant skills and experience from industry.

INDUSTRIAL TRAINING JOB SCOPE : COMPUTER SCIENCE/MULTIMEDIA/INFORMATION SYSTEM ENGINEERING/NETWORK AND NETCENTRIC COMPUTING

1. Learning and testing new technologies, frameworks and languages
2. Gathering requirements from clients and users
3. Breaking down program specification and translating into a programming language
4. Building and maintaining databases
5. Establishing a detailed program specification through discussion with clients
6. Conducting testing and installing the program into production
7. Writing detailed documentation for the operation of the program
8. Updating, repairing, modifying and developing existing software
9. Designing the architecture of the components of an application
10. Testing sites and applications in different browsers and environments
11. Documenting code for other developers understanding.
12. Creating technical specifications
13. Conducting training and user manuals to users of a new system
14. Maintaining systems by monitoring and correcting software defects
15. Performing routine system backups and upgrades
16. Continually updating technical knowledge and skills by attending in-house and external courses, reading manuals and accessing new applications.
17. Creating multimedia product designs using specialize software
18. Creating artwork to be used in video games
19. Transferring audio/video files to be edited and manipulated digitally
20. Creating digital images for the purpose of animation
21. Writing code to programme functions graphics, sounds and digital animation
22. Computer network setup, monitoring and maintenance.
23. Computer, network and system security design, configuration, monitoring and maintenance.

PROFESSIONAL DEVELOPMENT SKILLS REQUIREMENT

1. Project management skill
2. Customer service skills
3. Communication
4. Team work
5. Time management.
6. Proactive attitude