
Biographical Sketch

Bill Dane, B.S.

Current Position: Systems Designer

Education: B.S., Electrical Engineering, LaSalle University of Mandeville, LA
Certified ColdFusion Professional

William Dane has more than 15 years of experience in software development, 13 of which have been with Human Technology (HT). Prior to his present position, he worked as a Software Developer for Information Spectrum and served in the U.S. Navy as an Avionics Technician and instructor. While working for HT, he has developed Internet-based training courses and web sites. Mr. Dane has designed and programmed various web sites, including sites for the Internal Revenue Service, the Federal Emergency Management Agency, the Office of Personnel Management, the U.S. Department of Education, the U.S. Department of Agriculture, the Defense Acquisition University, the U.S. Customs Service, the U.S. Department of Labor, the U.S. Department of Health and Human Services, the U.S. Forest Service, and the U.S. Marine Corps.

Mr. Dane has expertise in the use of the following applications: MS Office, Adobe Dreamweaver, Adobe PhotoShop, Adobe Acrobat, Adobe ColdFusion Application Server, MS SQL Server, MS Access, and Oracle Database Interfaces.

Recent Experience

- Currently developing SCORM and 508 compliant courseware for:
 - Federal Emergency Management Agency (FEMA)
 - U.S. Food and Drug Administration (FDA)
 - U.S. Department of Agriculture (USDA)
 - USDA's Animal and Plant Health Inspection Service (APHIS)
 - Currently creating/revising Adobe Dreamweaver design templates for FEMA, which will be used by all contractors developing courseware for the Agency.
 - Currently developing a series of 16 web-based Food Microbiological Control courses in four languages for FDA, as well as a database-driven web portal for the State Tobacco Compliance Check Inspection Training program.
 - Developed web-based training for APHIS in support of the Americans with Disabilities Act (ADA) Amendments Act of 2008.
 - Developed mission-critical web-based training for the Department of Homeland Security. Within 2 months of the project onset, the following training courses were developed and implemented in a web-based environment:
 - National Response Framework Training
 - National Incident Management System Training
 - Incident Command System Courses (ICS-100, ICS-200)
- To date close to 20 million Federal, State, and local officials have completed these courses at a cost of less than a penny per student.
- Developed and maintained a learning management system (LMS) to allow hosting of courses for FEMA. When the volume of users exceeded their capacity, FEMA turned to HT for help with hosting critical web courses. An LMS was constructed and implemented to distribute preparedness training to thousands of communities.

Recent Experience (Continued)

Bill Dane, B.S.

- Designed and developed National Incident Management System Resource Management training for FEMA. This web-based course utilizes a number of web-based job aids, best practices, and lessons learned to assist the participant in planning for resource management in mission-critical scenarios.
- Completed a joint project with GeoLearning to revise, create, and design an Internet-based training catalog for the Federal Communications Commission (FCC). This project involves database design and integration, and HTML / Adobe ColdFusion development.
- Supported the Department of Defense's (DOD's) Advanced Distributed Learning initiative by:
 - Developing animated computer models and presentations used to educate the training and development community about the concepts underlying the Shareable Courseware Object Reference Model (SCORM).
 - Designing web-based forums that supported knowledge capture and exchange.
- Developed a blended training strategy that uses traditional audio-based instruction in combination with accessible web technology for instructing Social Security Administration personnel who are visually impaired on the use of the Internet.
- Developed a web site for the Human Resource Development Council to exchange knowledge and disseminate tools for fostering learning organization practices within Federal agencies.
- Served as lead developer of web-based training standards for the Internal Revenue Service (IRS). Designed web-based course based on these standards. Developed web-based performance support tools to help IRS managers complete their performance management responsibilities.
- Developed and usability tested more than 150 hours of web-based courses for the DOD Defense Acquisition University on acquisition management. One course resulted in more than \$4 million cost savings during the first implementation year.
- Conducted the Preliminary Design Review for the Defense Acquisition University Internet-based course, Fundamentals of Systems Acquisition Management. During this review:
 - Evaluated the progress, technical adequacy, and risk resolution of the selected design approach.
 - Assessed the compatibility with performance and engineering requirements of the development specification.
 - Developed the first-generation Internet-based, computer-managed instruction application for the Defense Acquisition University.