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WORK ROLE: 06AH

WORKROLE TITLE: Software Engineer

WORKROLE DESCRIPTION:

Software Engineers analyze customer requirements, evaluate alternative approaches, and design solutions tailored to specific Agency/customer requirements. They review and provide guidance on software developed by vendors; test software developed internally and by vendors; and quickly respond to crisis situations to develop and deliver unique solutions to customer problems.

ODNI CORE COMPETENCIES FOR ALL EMPLOYEES OF THE INTELLIGENCE COMMUNITY:

Adaptability	Building Professional/Technica	Continual Learning
Creative Thinking	Enterprise Perspective	Exploring Alternatives
Influencing/Negotiating	Information Sharing	Interpersonal Skills
Multi-media Communication	Oral Communication	Policy and Directives
Resource Management	Respect for Diversity	Situational Awareness
Synthesis	Written Communication	

WORKROLE FUNCTIONAL COMPETENCIES:

Skills

Advising/Consulting	Computer Programming	Customer Service
Data Management	Information Product Developme	Planning and Organizing
Quality Assurance	Security Engineering	Software Design
Technology Evaluation	Troubleshooting and Repairing	

Knowledges

Config mgmt requirements	Database query techniques	Database technology
Ethical conduct Gvt employees	GUI design techniques	General software principles
Internal control program	NGA org, missions, & vision	NGA products and services
NGA security plcy & prcds	Relational database concepts	SW dev methodology std & pract
SW reengineering & improvement	SW specifications & standards	SW testing prncpls & prcdrs
Software capabilities	Software design principles	Software diagnostic procedures
Software programming language	Structured programming technqs	System development
Systems rqmts definition&analy	Web-based technologies & cncpt	

EDUCATION/LICENSES/CERTIFICATIONS:

ENVIRONMENTAL/PHYSICAL REQUIREMENTS: