

# Programmer Analyst: Sr. Programmer Analyst

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Builds and codes applications and/or modules using languages such as C++, ASP.NET, Visual Basic, ABAP, JAVA, XTML, etc. Provides patches and upgrades to existing systems. May design graphical user interface (GUI) to meet the specific needs of users. Prepares operating instructions, compiles documentation of program development and analyzes system capabilities to resolve questions of program intent, output requirements, input data acquisition, programming techniques and controls. May build add-on modules using application program language.

## **Knowledge**

Exhibits an exceptional degree of ingenuity, creativity and resourcefulness. Apply and/or develop highly advanced technologies, scientific principles, theories and concepts. Viewed as an expert within the field.

## **Problem Solving**

Develops information which extends knowledge in a given field. Information may form the basis of newly developed concepts, theories and products.

## **Discretion/Latitude**

Often acts independently to uncover and resolve issues associated with the development and implementation of operational programs. Plans R&D programs and recommends technological application programs to accomplish long-range objectives. Work is checked only to the effectiveness of results obtained, typically requiring a long-term perspective. Virtually self-supervisory.

## **Impact**

Designs research and develop highly advanced new applications resulting in new product/business opportunities for the company. Erroneous decisions or recommendations would have a long-term negative effect on organization's reputation and business posture.

## **Liaison**

Serves as consultant to top management in long-range company planning concerning new or projected areas of technological research and advancements. Prime spokesperson on company's technical capabilities and future directions. Often instrumental in attracting and obtaining major new company business.

## **Work Products (Examples may include but are not limited to)**

Program, code, test and debug approved solution using advanced level programming to a set of concepts. Keeps abreast of current technologies and technical developments in the industry and recommend further investigation or implementation to management as appropriate.

## **Minimum Education and Experience**

11+ years with Bachelor's Degree in Computer Science or other relevant major area of study. 9+ years with MS 7+ years with PhD