

## **OT1021 - Systems/Software Engineer I (TCP\_01)**

**Job Family:** Engineering - SW Engineering (Systems)

### **Job Family Definition:**

Designs, develops, troubleshoots and debugs software programs for software enhancements and new products. Develops software including operating systems, compilers, routers, networks, utilities, databases and Internet-related tools. Determines hardware compatibility and/or influences hardware design.

### **Management Level Definition:**

Contributes to assignments of limited scope by applying technical concepts and theoretical knowledge acquired through specialized training, education, or previous experience. Acts as team member by providing information, analysis and recommendations in support of team efforts. Exercises independent judgment within defined parameters.

### **Responsibilities:**

- Codes and programs enhancements, updates, and changes for portions and subsystems of systems software, including operating systems, compilers, networking, utilities, databases, and Internet-related tools
- Executes established test plans and protocols for assigned portions of code; identifies, logs, and debugs assigned issues.
- Develops understanding of and relationship with internal and outsourced development partners on software systems design and development.
- Participates as a member of project team of other software systems engineers and internal and outsourced development partners to develop reliable, cost effective and high quality solutions for low to moderately- complex products.

### **Education and Experience Required:**

- Bachelor's or Master's degree in Computer Science, Information Systems, or equivalent
- Typically 0-2 years experience

### **Knowledge and Skills:**

- Experience or understanding of software systems design tools and languages.
- Good analytical and problem solving skills.
- Understanding of design for software systems running on multiple platform types
- Understanding of basic testing, coding, and debugging procedures
- Good written and verbal communication skills; mastery in English and local language.