



# Example of Integration Engineering Job Description

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Our company is looking for an integration engineering. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for integration engineering

- Responsible of prototyping, integration, bring-up, validation, productisation and support of system platform products, of all configurations, options, features and capabilities
- Develop and execute a platform validation plan to expose design issues in HW/FW/SW early, validate against the product specifications including performance, and qualify for production release
- Define and enforce the system validation test methodology and quality checklist
- Specify system requirements for RAS (reliability availability serviceability), testability, debug-ability, ease of installation, robustness in error handling, from the bring-up / system debug viewpoints, for next gen platforms
- Assists with the transfer of knowledge
- 9 direct reports across 3 locations (Propulsion and Interiors Responsibility Center in Ladson, SC and Airport Campus in North Charleston, SC)
- Manages employees deploying HR processes, policies & procedures & other activities to support, counsel & educate managers & employees on HR issues
- Develops & executes integrated organizational plans, policies & procedures & guides the development of business & technical strategies, goal & objectives
- Successful experience in technology eFlash establishment in advanced technology nodes, 45nm, 40nm
- The candidate will be required to work with designers, design enablement and device/PCell engineers to develop special requests

## Qualifications for integration engineering

- Proven track record of designing and developing test strategies and automated tests to exercise and validate large, multi-threaded, scalable, service-oriented web services
- Familiarity with the concepts around instrumenting systems and collaborating with operations teams to create highly available systems
- Knowledge of relational databases/SQL, NoSQL structured data solutions, network and file system protocols
- Minimum 5 years of experience in design, deployment and support of voice platforms
- Hands-on experience on Cisco voice products including Communications Manager, Unity Connection
- Ability to clearly document deployment designs and related management and support procedure