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# Example of Engineering Technology Job Description

Our company is searching for experienced candidates for the position of engineering technology. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for engineering technology

* Develop and execute manual and automated tests at all test phases to verify application readiness for production implementation
* Work with the project team to ensure quality throughout the product life cycle, including the identification and resolution of software defects
* Configure and manage test environments for software under test
* Design and develop automated test software
* Diagnose and debug software issues
* Plan investments in Plant/Personnel/Equipment (PPE) and oversee the departmental budget and headcount, the site’s capital and expense budgets
* Understand liquidity implications and translate these considerations to architect intelligent applications that help to make the analysis of liquidity impact more accurate, transparent, and timely
* Analyzing and defining requirements to challenging business problems
* Monitoring performance and failure rates to recommend and engineer cost-effective solutions where needed
* Partner with the rest of the Technology and Strats organization to leverage our deep technical intellectual property and products from across the Firm to enhance control while also delivering best-of-breed commercial-quality enterprise applications for purpose of liquidity measurement and analytics

## Qualifications for engineering technology

* Knowledge across various messaging middleware platforms such as Tibco EMS and RV, • RabbitMQ, Kafka, IBM MQ Series etc
* Experience in application development, messaging, message oriented middleware, and transaction processing
* Working experience using C/C++ and Java debuggers and IDE’s
* Understanding of the fundamentals of application engineering
* Experience executing builds on various platforms (C++/Java)
* Detailed working experience knowledge of Java threading and security concepts