



Example of Technology Development Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of technology development. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for technology development

- Help develop and execute a technology roadmap
- Measure results and lead continuous improvement activities
- Actively interface with business and technology leaders to develop custom polymer formulations and / or processes adhering to customer specifications, quality requirements, and operational goals and standards
- Contribute to product platform development through the application of statistical experimental design, product testing, and data analysis
- Perform literature and patent searches to guide experimentation
- Partner with manufacturing resources to develop test methods and establish quality controls for new materials / processes
- Support marketing and sales through development of product and application data
- Summarize experimental strategies and data analysis in written reports and presentations for communication with peers, customers, and various levels of management
- Interface with and gain knowledge of Environmental, Health and Safety practices and regulatory requirements in various industries
- Collaborate in cross-functional projects across business units

Qualifications for technology development

- Quality Assurance Analyst (Test Driven Development, Scripting, Performance)
- Platform Engineer (Cloud Automation, Data Center, Database, Network)

- With a range of analytical techniques such as SIMS, EEL, EDX, XPS, Auger, acoustic profiling, FTIR, AFM
- Various lab imaging techniques (SEM, FIB, TEM)