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# CHEMICAL TECHNICIAN RESUME

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## Summary:

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A professional whose job focus is to conduct chemical and physical laboratory tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for research purposes; has been involved in research and development of new products or processes, quality control and maintenance; has strong background in practical application of chemistry and related sciences for experimental and theoretical testing; has updated in new technologies about chemicals and other solutions that will help in the development of new products and solutions.

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## Professional Experience:

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Chemical Lab Technician January 2007 – Present  
Armadillo Metallworks, Inc., Albany, NY

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### Responsibilities:

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- Collaborated with instrumentation in testing cleaning efficacy and other attributes of the solution.
- Assisted in the formulation and reversal of product engineering to exceed competitor's products.
- Evaluated raw chemicals and made necessary amendments for product development and enhancement.
- Directed improvements to current formulas and machines, based on observations and experiments.
- Recorded and maintained laboratory experiment and test for future source of reference and product evaluation.
- Set up competitive analysis of the products to study the developments needed to exceed the competition.

SR Instrument Technician May 2004 – December 2006  
Pearce Engineering, Limited, Albany, NY

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### Responsibilities:

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- Provided instrument support for a chemical complex consisting of both resin and oil manufacturing facility.
- Provided support for numerous process control systems and troubleshoot and modified existing platforms.
- Conducted research on the manufacturing of building products, paper making and agricultural products.

Production Engineer-Chemical February 1999 – May 2004  
CE Power Solutions, Albany, NY

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## Education:

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Masters Degree in Energy Engineering  
University of Iowa, IA, 1999  
Bachelors Degree in Chemical Engineering  
Rockefeller University, NY, 1997

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## Skills:

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- Knowledge in scientific rules and methods
- Knowledge in testing and inspections of products, services and processes.
- Expert mathematician, Inquisitive and attentive to detail
- Knowledge in machine gauges, dials, and other indicators
- Has logic and reasoning skills to identify strengths and weakness of alternative solutions
- Excellent communication skills

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## Awards and Affiliations:

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American Chemical Society, Member

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