

# SAMPLE RESUME

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## QUALIFICATIONS SUMMARY

Highly motivated, talented, and performance-driven professional, offering broad-based experience in Chemical Engineering, R&D, and Quality Assurance coupled with strong educational foundation. Well-versed in developing innovative products from conceptualization, through development, all the way through commercialization. Exemplify keen expertise in project-related changes and improvements, with respect to applicability, quality, safety, and cost. Regarded as an innate leader, adept at fostering positive working relationships among team members to optimize operational efficiency and maintain safe operation at all times. Extremely capable to multitask in vastly competitive, challenging, and fast-paced environment. Multilingual in English, Gujarati, and Hindi.

## CORE COMPETENCIES

- ⇒ *Product Research and Development*
- ⇒ *Document Preparation: REACH, ROHS, PPAP*
- ⇒ *Time Management and Prioritization*
- ⇒ *Budget Implementation and Cost Control*
- ⇒ *Articulate Oral and Written Communication*
- ⇒ *Regulatory and Safety Compliance*
- ⇒ *Continuous Process and Performance Improvement*
- ⇒ *Leadership, Training, and Team Building*
- ⇒ *Outstanding Customer Service and Relations*
- ⇒ *Problem Resolution, Decision Making, and Creative Thinking*

## PROFESSIONAL EXPERIENCE

### SENIOR CHEMIST

SCAPA TAPES ■ CARLSTADT, NJ

2006–PRESENT

Create Gant Chart to illustrate key milestone of a product from R&D to commercialization. Conduct statistical analysis for each product that were commercialized to adjust specification and also determine reproducibility. Perform comprehensive research to find cost effective raw material that can be alternated in formulation, thus reducing expenses. Render high level of assistance to Vice President of Global Technical R&D in preparing monthly sales report and in creating product directory and adhesive description. Spearhead and mentor the Quality Group along with three laboratory technician and a group leader. Oversee R&D and Quality Technician and ensure that product are developed and analyzed on timely manner. Work collaboratively with sales, purchasing, accounting, production planning, and quality department to develop innovative products that could generate new business opportunities to the company. Instrumental in conducting safety audit, delivering refresher training presentation to laboratory personnel, attending safety meetings, and preparing documentation for new product design control for annual ISO audit.

### Notable Accomplishments:

- Obtained the “**Site Excellence Award**” in 2009 by demonstrating exemplary performance and dedication
- Regarded as **Super User** for SAP Quality system upon completion of a 3-week training in area of SAP such as, purchasing, quality, material management, warehouse management, inventory control, Bill of Material, Material Master, and others
- Fulfilled Quality Manager’s responsibility upon his resignation and proactively responded to 100 complaints, some of which were two years of age
- Pivotal in generating quality documentation for customer such as Production Part Approval Process (PPAP) and completing the design, quality, control plan, and Potential Failure Mode Effect Analysis (PFMEA)
- Recognized for innovating and developing product: silicone, acrylic, and rubber
- Served as a significant contributor in completing ROHS, REACH for silicone, acrylic, and rubber based products and other regulation document for customer
- Played an integral Safety Committee member of North America responsible in ensuring site compliance with ISO requirement
- Cost-effectively saved more than \$200K in annual savings by replacing low cost raw material without jeopardizing overall performance and quality of products
- Drove all efforts in R&D to transition process from production trial to commercialization by completing statistical analysis, Gant Chart, coater specifications, and SOP documents

**SENIOR CHEMIST**

2005–2006

MAIN TAPE ■ CRANBURY, NJ

Facilitated experimental studies to invent specific formulas suit to customer diverse needs as relating to protective tapes for various surfaces; ensuring products are non-harmful to client substrates and surfaces. Executed wide range of chemical analyses on raw materials, finished products, and competitor samples. Evaluated surfaces to determine tape requirements, incorporating environmental, physical, and mechanical conditions. Performed age/environmental studies to determine film performance in external weather conditions including adhesion, weight, and composition studies. Addressed ongoing technical issues and presented potential solutions to customers for approval. Regularly interfaced with manufacturing teams to transition from pilot studies to manufacturing phase. Built and cultivated long-term quality relationships with raw material suppliers for additives, adhesives, films, and cross-linkers.

**Notable Accomplishments:**

- Initiated the development of formulas, carried out laboratory trials, and set up pilot coater studies; prepared samples for customer testing
- Incurred up to \$250K annual savings by improving formulations and identifying cost-effective alternate raw materials to be used in existing and future product lines, without sacrificing quality
- Highly praised in designing innovative protective film to protect metals from temperatures up to 1,000 degrees Celsius, as during laser cutting/etching, ending company's eight-year failure to create product
- Primarily held responsible in preparing monthly project updates and summaries for senior management

**SENIOR CHEMIST**

1999–2005

NATIONAL STARCH AND CHEMICAL COMPANY ■ PLAINFIELD / BRIDGEWATER, NJ

Applied dynamic leadership talents to plant personnel to ensure strict compliance with cGMP standards including OSHA and EPA regulations. Presided over laboratory to production operations, including cost estimates, document preparation, and quality control. Planned and led batch runs; identified and resolved potential issues prior to pilot plant phase; optimized batch procedures for scaling solution and emulsion-based products. Executed R&D experiments and testing, compiled and analyzed data, and provided project teams with recommendations for future experimentation regarding adhesives. Diligently evaluated batch formulas; managed raw material inventory; and coordinated preventive maintenance program for process development area that eliminated equipment failures during scale-up.

**Notable Accomplishments:**

- Carried out various pilot plant studies to develop improved and/or new chemical manufacturing processes in adhesives and specialty chemical industry
- Originated layout of chemical unit operation equipment in pilot plant along with safety procedures for each process
- Innovated experimental program with multiple synthetic steps to identify and resolve issues of reproducibility, productivity, and cost
- Masterfully led in the transfer of technologies to North Carolina development facilities
- Appointed to be the Safety Group Leader from 2003 to 2005 and recognized for maintaining above-average safety levels

**PRIOR WORK EXPERIENCE**


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RESEARCH ASSISTANT ■ Chemetall Oakite, Berkeley Heights, NJ: 1998

**EDUCATION**


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MASTER OF SCIENCE IN CHEMICAL ENGINEERING ■ Stevens Institute of Technology, Hoboken, NJ: 2003

BACHELOR OF SCIENCE IN CHEMISTRY ■ Kean University, Union, NJ: 1998

**ACTIVITIES**


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Member, Devine Association of Yogeshwar (DAY) organization

**TECHNICAL PROFICIENCY**


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SAP Super user, Microsoft Office Suite: Word, Excel, PowerPoint, Outlook, and Access, Aspen Plus, Scientific Notebook, Gas Chromatography, Ion Chromatography, Atomic Absorption, FTIR, Light Scattering Particle Size Analyzer, Intranet Complaint System, and Word Perfect