







PROFESSIONAL SUMMARY

Experienced Formulation Chemist specializing in paint and coatings development. Expertise in solvent-borne and water-borne coatings, pigment dispersion, and rheology modification. Proven success in improving product durability and environmental compliance.

EXPERIENCE

2018 - Now

Senior Formulation Chemist

Spectrum Coatings
United States, Charlotte, NC

- Develop high-performance industrial coatings for automotive and aerospace applications.
- Enhance durability of coatings by 30% through innovative formulation strategies.
- Lead R&D projects to create eco-friendly water-based coatings, aligning with VOC regulations.

2014 - 2018

Formulation Chemist

ColorTech Paints
United States, Raleigh, NC

- Created custom color matching formulations for residential and commercial paint lines.
- Conducted stability and weathering tests to ensure long-term performance of coatings.

EDUCATION

2010 - 2014

Bachelor of Science in Chemical Engineering

North Carolina State University United States, Raleigh, NC

Coatings Formulation Certification

American Coatings Association Certification Date: June 2022

SKILLS

Polymer science
Pigment dispersion
Viscosity and rheology control
Durability enhancement
Color matching
Technical documentation