

# HEMANGI SHELAKHE

CONTACT NO- +91 7666724552, MAIL ID [-hemangishelke93@gmail.com](mailto:-hemangishelke93@gmail.com), DOB-03/04/2001

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## SUMMARY

Innovative and result-driven Research and Development professional with 1.5 years of experience in paint technology. Proven expertise in developing new formulations, improving product performance, and driving sustainable innovation in coating and paint products.

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## WORK EXPERIENCE

### At Berger Paints, Singapore.

**Aug 2023 – Aug 2024**

- Joined as Executive Lab Technician at Berger Paints Singapore and was responsible for New product development.
- Lab expertise: Architectural paint formulations-Interior as well as exterior, protective coatings, Roadmarking and roadlliner paint, Eco-friendly coating according to Singapore std.
- Innovation project - Anticondensation Paint (New Product), Peel off coating from glass, glowing ecofriendly road marking paint.
- Quality control of product.
- Explore the different raw material evaluation.
- Benchmarking of different competitor products.
- Development in existing formulation.
- Cost reduction by optimising the formulation.
- MSDS creation skill according to product.
- Work on customer complaint.

### Other key responsibilities:

- Maintain a highest level of safety and HSE standards in accordance with Singapore rules and procedure

### Intern Trainee at Kansai Nerolac Paints Ltd

**Aug 2022-Jan 2023**

- Kansai Nerolac Paints Ltd, Navi Mumbai, Maharashtra.
  - Worked at a Research and Development lab in Automotive Coatings for commercial vehicle section.
  - Hand on experience of evaluation of paint, testing, manufacturing and application of automotive paint.
  - Projects Work : 1. Heat Resistance paint for silencer of Two-wheeler- Improved the chemical resistance of paint and performed the testing according to customer specifications.
  - Development of new metallic shade 2C-1B against 3C-1B - Improved the performance properties of 2C-1b system.
  - Development of 2K epoxy clear coat for Aluminium substrate According to customer specification.
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## EDUCATION

### **B.Tech In Paint Technology, At-UICT, KBCNMU, Jalgaon**

University: Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.

YEAR: 2019-2023

CGPA- 8.86

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## ADDITIONAL INFORMATION

### **Technical Skills:**

- Technical knowledge of paint like resin chemistry and prerequisite knowledge of raw material of paint.
- Able to perform testing and evaluation of paint.
- Paint application technique.
- Defect analysis and solve the issue.
- Skill to develop formulation of paint according to customer requirement.
- Skill to operate different testing equipment and paint manufacturing equipment.
- Open to new idea and concept.

### **Soft Skills:**

- Ability to adapt.
- Team Work .
- Good communication skill.
- Leadership.

### **Languages:**

English, Hindi, Marathi.

### **Extra-Curricular Activities:**

- Completed soft skill course offered by IIT Bombay - During this program get opportunity to work on the interpersonal skills, communication skills, listening skills and time management.
- Participated in National Engineering Olympiad-In this I learned how to cope up with the technical problems of chemical engineering subjects.

### **Hobbies:**

- Reading Books
  - Listening music
  - Travelling
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### **Declaration:**

I, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Hemangi Shelake

