

## K. Karthikeyan

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Residing @ Mc Crescent Apartments, Thiruvalluvar Street,  
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Kolathur, Chennai – 600099.



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### Professional Summary

Chemical Engineer with hands-on experience in development and production of paint & ink related products. Worked with major paint industries like Nerolac & Sheenlac, Sachihata in the development & production of paints and inks.

Have knowledge in assembly of markers, ball & gel pen refills

At present working as Senior Chemist with 20+ years' experience.

### Areas of expertise

- Development and production of paints, inclusive of water based emulsions (decorative & artist), decorative wood finishes (NC & Melamine)
- Development of pigment dispersions
- Development and qualification of pigment and dye based marker inks, gel pen inks
- Development of ball pen inks
- Production & analysis of marker inks
- Assembly of markers and pens

### Skills

- Knowledge in development of Water Based Emulsions for Interior and Exteriors, Distempers, etc, and some special coatings like scratch plaster, Italian marble finish products
- Knowledge in development of Nitrocellulose based Enamels & Wood finishes, Stoving enamels, Synthetic enamels, Melamine wood finishes
- Knowledge in application of paints for Furniture and Wood Finishes
- Knowledge in development of Acrylic colors and Oil colors for artists, Oil Pastels, crayons and preparation of Canvas for artists
- Formulating of Solvent based and Water based Paints based on customer requirements
- Formulation of pigment & dye-based inks for pens & markers
- Operation of advanced analysis instruments like FTIR, Rheometer, Particle size analyser

## Work History

### Senior Chemist

May 2018 – until now

#### **Reynolds Pens India Private Limited (Newell Brands), Kanchipuram**

- Analysis & qualifying inks for ball point pens & markers
- Development and studies of Ink & tip combination
- Development of opaque marker inks
- Development of ball pen inks
- Developing reverse engineering techniques for the analysis of inks

### Deputy Manager - R & D

Sept 2016 — May 2018

#### **Sachihata India Private Limited, Tiruvallur**

- Development of color products like acrylic colors for artists to use on canvas, drawing sheets, and fabrics
- Development of water colors & poster colors for student range
- Development of markers and marker inks
- Streamline marker assembly process with required support for ink handling techniques

### Senior Development Executive - R & D

Sept 2013 – Aug 2016

#### **Sheenlac Paints Limited, Chennai**

- Development of wood finishes (Nitrocellulose & 2 pack Melamine) for retail and customisation for retail and industrial customers.
- Developing water-based emulsions for both retail and industrial customers.
- Conducting pilot production batches and providing necessary documentation and training to production & QC team for streamlining the regular production activities

### R & D Chemist

Apr 2008 — Aug 2013

#### **Dhyanart Materials and Canvas Private Limited, Chennai**

- Development and production of Water based Acrylics & Oil Colors for artists.
- Development and QC of coating for Canvas & Oil pastels (student grade).
- Color matching of fabric colors, porcelain colors & glass colors.
- QA & QC of canvas boards & acrylic colors
- Design of the R & D lab setup, planning and purchase of essential lab equipments

### Junior Officer (Production)

Jan 2007 — Mar 2008

#### **Kansai Nerolac Paints Limited, Chennai**

- Production of synthetic enamels for retail market
- Tinting the shades of Synthetic Enamels and adjusting it to our standards.
- Testing and adjusting the drying time, viscosity and density to the spec.

### Production Chemist

Nov 2004 — Jan 2007

#### **Surfa Coats (BGL) Limited, Bangalore**

- Production of water based decorative emulsion & cement paint
- Production of ancillaries like putty, plasters, etc.,

### Production Supervisor

Sept 2000 — Nov 2004

#### **bycel ventures. Chennai**

- Production of stoving enamels & nitro cellulose coatings
- Quality control of the stoving enamels

## Educational Qualification

B. Tech., in Chemical Engineering

Anjalai Ammal Mahalingam Engineering College, Bharathidasan University

1996 – 2000

## Personal details

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**Father's Name** : K. Kanagarajan.  
**Date of Birth** : 04.04.1978.  
**Sex** : Male.  
**Blood Group** : O positive.  
**Marital Status** : Married.  
**Nationality** : Indian.  
**Mother Tongue** : Tamil.  
**Permanent address** : 1/1, North Street,  
Pillayarpaty (PO),  
Vallam (via),  
Thanjavur – 613403.  
**Proficiency in languages** : Able to speak, read, and write well in Tamil & English and to  
Speak only in Kannada.  
**Current Salary (CTC)** : 17 lakhs per annum INR  
**Joining Time** : 1 month from receiving the offer letter.

## Declaration

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I hereby declare that the information furnished above is true to the best of knowledge and belief. In case any information found false at any stage, my candidature is liable to be cancelled.

**Place** : Chennai.

**Date** :

(K. KARTHIKEYAN)