Karthikeyan Sivakumar

Coimbatore, India | 9894155801 | sskdkarthi@gmail.com

Hello, This is Karthikeyan. Thank you for taking the time to consider my resume, I believe that I'll be a good fit for your educational institution and that I can do justice to the responsibilities that I'll have to take up. Hoping to hear from you.

EDUCATIONS

Stanes Anglo-Indian Higher Secondary School — **Coimbatore, Tamilnadu**

Secondary School Certificate — *Graduation Date: Jun 2016*

Stanes Anglo-Indian Higher Secondary School — **Coimbatore, Tamilnadu**

Higher Secondary School Certificate — *Graduation Date: Jun 2018*

Sri Ramakrishna College of Arts & Science — **Coimbatore, Tamilnadu**

Bachelor of Science (BSc) in Chemistry — *Graduation Date: Mar 2021*

FIRST CLASS WITH DISTINCTION

Amrita Vishwa Vidyapeetham — **Coimbatore, Tamilnadu**

Master of Science (MSc) in Chemistry — *Graduation Date: Aug 2023*

FIRST CLASS

St. Paul's College of Education — **Coimbatore, Tamilnadu**

Bachelor of Education (B.Ed) — *Graduation Date: Present*

WORK EXPERIENCE

Stanes Anglo Indian Hr.Sec School, CBSE — **Coimbatore, Tamilnadu**

NEET JEE - Educator — *Date: January 2024 – Nov 2024*

The Bridgewoods Public School, ICSE — **Coimbatore, Tamilnadu**

Class 11th & 12th – ISC Educator — *Date: Nov 2024 – June 2025*

PROJECT EXPERIENCE

Amrita Vishwa Vidyapeetham — **Coimbatore, Tamilnadu**

MSc Final Year Project — *Dec 2022 – Aug 2023*

THESIS - Synthesis of Amorphous Silica and its Application in Heavy Metal Sequestration- A Notable Contribution to The Concept of Waste to Wealth

LEADERSHIP EXPERIENCE

Stanes Anglo-Indian Higher Secondary School — **Coimbatore, Tamilnadu**

-National Cadet Corps (NCC) — *Mar 2017 - Apr 2017*

Sri Ramakrishna College of Arts & Science — **Coimbatore, Tamilnadu**

-Science Club Secretary — *Mar 2018 - Mar 2020*

Sri Ramakrishna College of Arts & Science — **Coimbatore, Tamilnadu**

-Science club Chairman — *Apr 2020 - Apr 2021*

CERTIFICATES

TEXAS INSTRUMENT UNIVERSITY

CERTIFICATE OF MERIT

- Received **Certificate of Merit** for outstanding performance in Data Structures. Attained TI Mastery Certification in Data Structure, showcasing a comprehensive understanding of key concepts and principles

IIT BOMBAY

GChemPaint Training

- Completed GChemPaint course by IIT Bombay with a 93% score, outperforming 150 enrolled students. Identified feature gaps and design optimizations in the current version, proposing prototype improvements for over 50 features.

DEPARTMENT OF SCHOOL EDUCATION

CERTIFICATE OF MERIT

- Secured five consecutive years of top performance in gymnastics, earning first place gold medal certification of merit in a district-level competition. Enhanced overall score by 20%, surpassing personal records by 10% over the span of 5 years.

SEMINARS AND WORKSHOPS

CENTRE FOR BIOSCIENCE AND NANOSCIENCERESEARCH –

Job Oriented Course (Government of India)

SKILLS & INTERESTS

Instrument Skills: Gas Chromatography (GC), Gas Chromatography/Mass Spectrometry (GCMS), pH meter, Titration, FTIR, UV Spectroscopy (Jasco, Shimadzu), 884 professional VA equipment, Tafel polarization, Electrochemical Impedance spectroscopy, cyclic voltammetry and hands on experience on various strong Acids and hazardous chemicals.

Skills: Microsoft Office (Excel, Word, PowerPoint), leadership, Team management, Time management, Multitasking, Business process Improvement.

Interests: Yoga, Swimming, Basketball, Books and Travelling.