

## Ramki Mohan

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## Professional Summary:

Dedicated professional with 5 years of combined experience in online tutoring, laboratory chemistry, and a python developer. Proven ability to deliver personalized instruction to diverse student populations and conduct precise laboratory experiments. I am seeking to leverage my expertise in technical and non-technical dynamic roles that value analytical skills and effective communication.

## Work Experience:

### Online Tutor

Focus Edumatics, Coimbatore.

October 2022 – present

- Provided one-on-one and group tutoring sessions for K-12 students across the USA, specializing in mathematics and science.
- Developed customized lesson plans to meet individual learning needs and academic goals.
- Utilized various online platforms and tools to facilitate interactive and engaging sessions.
- Assisted students in preparing for standardized tests, including SAT and ACT, resulting in improved scores.
- Afforded clear and concise explanations with a proper example to the students in the virtual tutoring platform.
- Providing solutions to queries and creating a comfortable and confidential environment for the students through an effective and supportive rapport.

### Lab Chemist

Velavan Minerals, Palani.

January 2020 – 2022

- Assisted senior chemists in conducting experiments and analyses.
- Conducted chemical analyses and experiments following standard operating procedures (SOPs) and safety protocols.
- Prepared and tested samples using various analytical techniques, including chromatography, spectroscopy, and titration.
- Collaborated with research and development teams to support the formulation and testing of new pharmaceutical products.
- Gained wet lab experience, analyze samples, chemicals, electro equipment, complete RO system, and conduct both qualitative and quantitative analysis.
- Adhered to all laboratory safety guidelines and protocols.

## Education:

### Master of science in chemistry

Sri Sai Barath College of Arts and Science, Dindigul.

Graduated May 2023

### Bachelor of science in Chemistry

Kamalam college of arts and science, Udumalpet.

Graduated May 2019

## **Skills:**

- **Online Tutoring:** Curriculum Development, Lesson Planning, Student Assessment, Virtual Classroom Management.
- **Laboratory Skills:** Chromatography, Spectroscopy, Titration, Sample Preparation, Data Analysis.
- **Technical Skills:** Microsoft Office, Learning Management Systems (LMS), C++, HTML, CSS, Python, MS Excel, web scraping, code optimization and performance tuning.
- **Soft Skills:** Strong Communication, Time Management, Problem-Solving, Adaptability, Team Collaboration, Active listening, Critical thinking, Oral comprehension, Service orientation, Written comprehension, Reading comprehension, Problem sensitivity.
- **Other Skills:** Instant problem-solving ability, Effective rapport, Flexibility in shifts, Team collaboration, Persuasion, Clerical, Speech clarity, Speaking, Speech recognition, Deductive and Inductive reasoning.

## **Certifications:**

- Certified Online Tutor (COT).
- Certified Laboratory Chemist.
- First runner in National Anveshika skill exam.
- Participated in FOSTAC and lot of spectroscopy workshops with certificates.
- Completed 50+ Python sums in Hacker rank.

## **Projects:**

### **Python**

- Simple Calculator
- To-Do list
- Number guessing game
- Web scraper

## **Hobbies:**

- Painting
- Singing to make a vibe