

# RESUME

**K.P.MAKESHWARAN**  
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## **PROFESSIONAL OBJECTIVE**

Enthusiastic third-year Computer Science Engineering student at SRM Institute of Science & Technology with a strong foundation in programming, data structures, and software development. Passionate about learning and applying technical skills in real-world projects. A quick learner and a collaborative team player, eager to contribute to innovative solutions while growing both personally and professionally.

## **ACADEMIC PROFILE**

Course	Specialization	Institution / University	Year	% / Grade
B.Tech	Computer Science Engineering	SRM Institute of Science & Technology, Tiruchirappalli.	Doing III year	7.7/10.0
HSE	Computer, Maths (CBSC)	JAWAHAR CBSE HIGHER SECONDARY SCHOOL (CNN), NEYVELI.	2022	61
SSLC	Central Board of Secondary Education	JAWAHAR CBSE HIGHER SECONDARY SCHOOL, NEYVELI.	2020	62

## **TECHNICAL SKILLS**

- **Programming Languages:** C, Python, SQL, Machine learning.
- **Web Development:** HTML, CSS
- **Database:** MySQL
- **Tools & Technologies:** .Net, Pycharm, Anaconda, Jupyter Notebook, Google Colab.

## **WORKSHOPS ATTENDED**

- Internet Of Things organized by IIT MADRAS Research Park-Chennai on 25.02.2023.
- Data Science And Analysis With Python organized by IIT MADRAS Research Park on 08.10.2023
- LLM and GEN AI organized by NIT Puducherry, Karaikal on 01.03.2024-02.03.2024.

## **TECHNICAL PROJECTS**

**EMODIFY**

- This explores the development of a mobile app designed to detect user emotions and provide personalized stress relief suggestions. By leveraging machine learning and user input, the app aims to offer customized solutions for reducing stress and enhancing well-being.
- Tools Used: Machine learning algorithm, Emotional intelligence.

### **EDUHACK/VEDA VERSE**

- Edu Enhance is a Streamlit-based NLP application that processes text from PDFs and DOCX files, detects language, performs text analysis using spaCy, and includes a simple user login system.
- Tools Used: Machine learning, Python.

### **DIZZY GUARD**

- Still under development
- Tools Used: Python, Open CV, Machine learning.

### **PUBLICATIONS**

Optimization of Bioethanol Production from Husk Using Machine Learning (Work in Progress).

### **PROGRAM ORGANIZED**

- Organized the Event “FRAMEFEST FOR SHUTTERBUGS” at SRM Institute of Science & Technology, Tiruchirappalli on 03.09.2024.
- Organized cultural events at the college level, as well as seminars and conferences within the department.

### **VOLUNTEER EXPERIENCE**

Volunteer, ASSOCIATION FOR DEVELOPMENT THROUGH INTEGRATION AND CO-OPERATION, Mandharakuppam, Neyveli 2 from 01.06.2024 to 30.06.2024

*The details given above are true to the best of my knowledge.*

**Station: TIRUCHIRAPPALLI**

**Date: 04.03.2025**

**(K.P.MAKESHWARAN)**