



SANJAYKUMAR R

B.E. Mechatronics Engineering
2021 - 2025



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8838175176



sanjaykumarrengaraju



439 days



141 days

Education

- **Kongu Engineering College**
CGPA : 8.58 2021-present
- **RVB.Matric.Hr.Sec.School,Thuraiyur**
HSC : 92.3% Completed in 2021
SSLC : 91.6% Completed in 2019

Areas of Interest

Full Stack Web Development

Machine Learning

Data Analytics

LabVIEW

Memberships

- **Indian Society for Technical Education**
2022 - Present
- **Member of Robotics Club of KEC**
2021 - Present
- **National Service Scheme**
2022 - 2023
- **Srinivasa Ramanujam Maths Club**
2021 - 2023

Leaderships

- **Student Placement Coordinator**
2022 - Present
- **Academic Project Team Head**
2024 - Present

Other Activities

Presented a paper on 'Bio Batteries'

Coimbatore Institute of Technology (2022)

Presented a paper on 'Payment using FP'

Kongu Engineering College (2022)

Completed non formal courses on Relay

Logic Programming and AutoCAD

Conducted by Mechatronics Engg Department

Completed Industry 4.0 and IIOT

A 12-week NPTEL course by IIT Kharagpur

Completed one credit courses on Design and Fabrication of Printed Circuit Boards

Conducted by Mechatronics Engg Department

Languages Known

Tamil R,S,W,L

English R,S,W,L

Hindi R,W

About Me

As a fresher candidate with good programming skills and a background in Mechatronics, I'm prepared to adapt to the company's needs and collaborate effectively within a team.

Skill Sets

Intermediate

C Python HTML CSS Figma

Java C++ JS React MongoDB

ReactNative SASS Tailwind SQL

Good

NodeJS LabVIEW Eagle AutoCAD

SolidWorks

Beginner

C# Blazor Docker Tableau

Projects

Pool water Chlorination & Dechlorination

This system effectively manages chlorine levels, maintaining a unpolluted and healthy environment for users | Team : 4 | 2023

Smart toilet with UV disinfection and Automatic Flushing

An advanced smart toilet, incorporating UV disinfection and automated flushing facilities. | Team : 5 | 2023

Realtime Bus Tracking and Online Ticket Payment (WIP)

This project aims to provide passengers with the ability to track bus locations in real-time and facilitate easy online ticket payments.

Hotel Ordering System using LabVIEW

Mini project done for Graphical System Design | Team : 1 | 2023

Chicken Chopping Machine

Mini project done for Kinematics of Machine | Team : 3 | 2023

Achievements

- **Won "Academic Excellence Award"**
Kongu Vellalar Trust, (2021 - 2022 , 2023 - 2024)
- **Won 1st Place in "Weekly Aptitude Test"**
Conducted by SRMC of Kongu Engineering College (2022)
- **Won 1st Place in "Technical Connection"**
Conducted by Sri Krishna Engineering College, (2023)
- **Won 1st Place in "IPL AUCTION", COGNIZANCE'23**
Conducted by CSEA of Kongu Engineering College (2023)
- **Top 25 in "KEC Ideathon for Smart India Hackathon"**
Software Category, Kongu Engineering College. (2023)

Workshops Attended

- **Serial Manipulators**, Robotics Society of KEC. (2023)
- **Makers Workshop**, Robotics Club of KEC. (2022)
- **Creative Engineer'22**, ISTE Student Chapter, KEC. (2022)
- **Drone Development**, Madras Institute of Technology. (2021)
- **UI/UX Design**, Mobile App Development Club of KEC. (2021)