

# Murali Krishna L

No 10, Rajan Nagar 2nd Street, Kolathur, Chennai - 600 099 | +91 93612 26950 | muralikrishna.professional3@gmail.com |  
Portfolio | LinkedIn | GitHub | LeetCode | CodeForces

## PROFESSIONAL SUMMARY

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Seeking an Software Engineer role to leverage my strong skills in Java, C, and basics in frontend web development skills and autonomous systems. Eager to contribute to innovative projects while utilizing my experience in SolidWorks and Illustrator to enhance both technical and design capabilities.

## INTERNSHIPS

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**SOC Design and Verification (Online) | Tessolve** **July 2024 - Present**

- Focusing on Verilog/SystemVerilog, advanced verification techniques, UVM methodologies, and practical design skills.

**FullStack WebDevelopment (Online) | EI Systems** **June 2024 - September 2024**

- Learning and applying new web development techniques to enhance websites and improve overall user experience.

**IoT and Embedded Systems (Online) | SkillVertex** **January 2023 - March 2023**

- Gained knowledge on embedded systems and IoT, and HOE on Home Automation System using Arduino, ESP8266, and Alexa.

## TECHNICAL SKILLS

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**Development** : Frontend Website Development ( React JSX, Bootstrap CSS, Tailwind CSS ), Python for Data Science, SQL, R, C, Python, Java

**Tools & Tech.** : SolidWorks, Illustrator, Canva, Chat GPT, IoT

## PROJECTS

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**SMART SHOPPING CART** | C for Arduino, Arduino Uno, IR Sensor, RFID, Servo, OLED display | Spring 2024

- Developed a smart shopping cart with OLED, BO motors, IR sensors, RFID, Arduino UNO, and robotic arm.

**AUTONOMOUS CAR SIMULATION USING CARLA** | Python, Tensorflow, StableBaselines\_3, CARLA | Spring 2024

- Trained a car RL model using Python's CARLA and StableBaselines3, creating an h5 model for steering and testing.

**E-COMMERCE WEBSITE** | HTML, Tailwind CSS, React JS | Summer 2024

- Developed a responsive E-Commerce website for selling clothes using HTML, Tailwind CSS and React JS.

**REGISTRATION FORM** | HTML, CSS, Express JS, MongoDB | Summer 2024

- Developed a registration form with HTML, CSS, Express.js, and MongoDB, implementing storage and actions.

## COURSES AND TRAININGS

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**Getting Started with Anypoint Platform** | Mulesoft - Salesforce Trailhead July 2024

**Anypoint Platform Development Fundamentals** | Mulesoft - Salesforce Trailhead July 2024

**AWS Cloud Quest: Cloud Practitioner** | AWS June 2024

**Cloud Computing** | NPTEL April 2024

## EDUCATION

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Rajalakshmi Engineering College | **B E in Electronics and Communication Engineering** | **CGPA:8.14 (Till 6<sup>th</sup> Sem)** | Expected 2025

Don Bosco Matriculation Higher Secondary School | **10th : 82.4% and 12th : 87.5%** | May 2021

## VOLUNTEERING AND WORKSHOPS

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- Volunteered Design A Thon '24, a Tech Event conducted by our college.
- Volunteered an Arduino Workshop conducted by our college ECE Department.
- Attended PCB Designing and Fabrication workshop conducted by our college ECE Department.
- Attended Basics of Solidworks and future of CAD works conducted by SEDS Society of our college.

## OTHERS

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- **Soft Skills** : Leadership, Team Work, Time Management, Adaptability, Problem-Solving, Communication
- **Languages** : English (S, R, W), Tamil (S, R, W), Telugu (S), Hindi (R, W)
- **Personal Strengths** : Dedicated, Punctual, Adaptable, Obedient