

AMUDAN R T

ELECTRONICS AND
COMMUNICATION ENGINEER



+91 98428 05545
amudanthangavel@gmail.com
Palladam, Tirupur, Tamil Nadu
amudanthangavel.github.io/profile/
amudanthangavel.blogspot.com
github.com/AmudanThangavel
30 - 08 - 2002
Tamil, English

SKILLS

- Web Development
- Robotic Operating System
- Frontend & Backend
- Problem-Solving
- Drone piloting
- Fusion 360

EDUCATION

Adharsh Vidhyalaya Matric Higher
Secondary School

10th Mark - 478/500

12th cutOff - 181.5/200

BACHELOR OF TECHNOLOGY

KPR Institute of Engineering and
Technology, Combatore
2020 - 2024

HOBBIES

- Drone Racing
- Photography
- Cycling
- Travelling
- Explorer

INTERNSHIP

• INDIAN INSTITUTE OF TECHNOLOGY (IIT) - BOMBAY

Full stack developer

8 week

- Frontend - HTML - canvas, CSS, JS
- Python
- Django

• VERZEO, BANGALORE

Cyber Security

8 weeks

- Networking and phishing atttacks
- Social Engineering
- bash scripting

LANGUAGES KNOWN

- Python
- Java
- C
- HTML, CSS
- JavaScript

PROJECTS AND PATENTS

PATENT PUBLISHED - UTILITY PATENT

- Robotic predatory bird to scare crop eating birds

NO OF PROJECTS WORKED - 5

- Pre-owned Car Database Management website - Django
- Python Combat - Django
- Strawberry Stacker - based on Drones and ROS
- Autonomous Drone
- Blue-green Algae collector

COURSES

- Python for Data Science - NPTEL (Silver + Elite)
- Python for Everybody - Coursera
- Python - Guvi
- Python Basics - Hacker Rank
- Problem Solving - Hacker Rank
- Computational Thinking - Guvi
- Game Development Using Python - Guvi

ACTIVE CLUBS

- Student Representative of Anti-Ragging Committee
- Core member of Aviation and Robotics Club
- Active member of Software Development Cell

COMPETITIONS WON

- IIT Bombay (**e-Yantra - International competition**) - **5th Price**
- Chaitanya Bharathi Institute of Technology (**Sudhee 2022- Drone Racing**) - **1st Price**
- Chaitanya Bharathi Institute of Technology (**Sudhee 2022- Robo Soccer**) - **1st Price**
- SAINTGITS College of Engineering and Technology (**Shrishti 2022 - Project presentation**) - **1st Price**
- KPR Institute of Engineering and Technology (**Innovesence - Project presentation**) - **1st Price**
- Sathyabama Technology Business Incubator (**Project Contest - Project presentation**) - **1st Price**
- College of Engineering Trivandrum (**Drishti 2022 - Reverse Coding**) - **1st Price**
- College of Engineering Trivandrum (**Drishti 2022 - Call for Projects**) - **1st Price**

COMPETITIONS PARTICIPATED

- IIT MADRAS (**Shrishti 2022**) - *Reverse Coding, AI Hackathon, Web Crawler Hackathon*
- IIT Kharagpur (**KSHITIJ 2022**) - *Code Battle*
- Chaitanya Bharathi Institute of Technology (**Sudhee 2022**) - *Line follower, Robo race*
- CHRIST College of Engineering and Technology (**Techlits 2022**) - *Boat racing, Line follower, Project Expo*
- College of Engineering Trivandrum (**Techlits 2022**) *Line follower, Robo Soccer*

PATENT PUBLISHED - ORNITHOPTER

Using biomimetics, a robotic predatory bird can be used to regulate crop-eating birds, frightening them away while attracting other predatory birds to the area. - prototype available

PRE-OWNED CAR DATABASE MANAGEMENT WEBSITE - DJANGO

Complete database for pre-owned car showrooms, from this they can store and share the details of the cars they purchased and sold

PYTHON COMBAT - DJANGO, BRYTHON

A web platform where the general crowd(beginners in coding) can learn to code in python in a cool/ gamified manner



- For more info visit "<https://amudanthangavel.github.io/profile/>"