

AMUDAN R T

E L E C T R O N I C S A N D
C O M M U N I C A T I O N E N G I N E E R



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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
- YouTube

INTERNSHIP

• VERZEO, BANGALORE

Cyber Security

8 weeks

- Networking and phishing attacks
- Social Engineering
- bash scripting

• INDIAN INSTITUTE OF TECHNOLOGY (IIT) - BOMBAY

Full stack developer

7 week

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

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

COMPETITIONS WON

<u>Institute Name</u>	<u>Competition Name</u>	<u>Prize</u>
IIT Bombay	e-Yantra - International competition	5th prize
Chaitanya Bharathi Institute of Technology	Sudhee 2022 Drone Racing	1st prize
Chaitanya Bharathi Institute of Technology	Sudhee 2022 Robo Soccer	2nd prize
SAINTGITS College of Engineering and Technology	Shrishti 2022 Project presentation	1st prize
KPR Institute of Engineering and Technology	Innovesence Project presentation	1st prize
Sathyabama Technology Business Incubator	Project Contest Project presentation	1st prize

COMPETITIONS PARTICIPATED

<u>Institute Name</u>	<u>Competition Name</u>
IIT Madras	Shrishti 2022 - Reverse Coding, AI Hackathon, Web Crawler Hackathon
IIT Kharagpur	KSHITIJ 2022 - Code battle, Business idea
Chaitanya Bharathi Institute of Technology	Sudhee 2022 - Line follower, Robo race
Kumaraguru Institutions	Yugam - Drone racing
CHRIST College of Engineering and Technology	Techlits 2022 - Boat racing, line follower

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