

# Adarsh H

Ramachandram, CKRA 87, Mananthala, Trivandrum – 695015

Phone no: +91 6235624155

Email: [hadarsh003@gmail.com](mailto:hadarsh003@gmail.com)

LinkedIn: <https://www.linkedin.com/in/adarsh-h-342107227>

## Objective

---

Aspiring software and hardware developer with a B.Tech in Electrical & Electronics Engineering, aiming to contribute to innovative tech projects. Adept at integrating electronics and coding, with hands-on experience in IoT, telemetry systems, and automation.

## Education

---

B.Tech in Electrical & Electronics Engineering | Mar Baselios College of Engineering and Technology (Autonomous), 2021 – 2025 | CGPA: 7.36 / 10

Class 12 (CBSE) | Sree Chithira Thirunal Residential Central School, Trivandrum | 2021 | 92.20%

Class 10 (CBSE) | Sree Chithira Thirunal Residential Central School, Trivandrum | 2019 | 83.20%

## Skills

---

Programming & Tools: Python, MATLAB, MySQL, C, Keil, Proteus, Microsoft Office, PyCharm, Arduino

Design & Simulation: AutoCAD, Blender, KiCad, OpenRocket

Electronics & IoT: Circuit Design, Telemetry Systems, Sensor Integration

Soft Skills: Teamwork, Communication, Leadership

## Certifications

---

- Data Analysis with Python (with badge) — IBM | May 2025
- Python for Data Science, AI & Development (with badge) — IBM | Nov 2023
- Introduction to Generative AI — Google Cloud | Apr 2025
- AWS Cloud Technical Essentials — Amazon Web Services | Apr 2023
- How to Get into Software Development — University of Leeds | Apr 2025
- Foundations of User Experience (UX) Design — Google | May 2023
- Introduction to Web Development — University of California, Davis | May 2023

## Internships

---

YBI Foundation (Online-15 Days Internship) | Jun 2024

- Built machine learning models using real-world datasets. Enhanced Python programming skills.

BimLabs (7 Days Internship) | Oct 2023

- Created 2D/3D engineering drawings using AutoCAD. Collaborated on project workflows.

## Projects

---

Ground Station for Model Rocketry | InSpace and ASI | Jun 2024 – Jun 2025

- Real-time telemetry monitoring of model rockets. Integrated XBee S2C modules for wireless communication.
- Designed ESP32-based ignition and monitoring system. Built web-based control interface.

IoT-Based Smart Parking System | Oct 2024

- Sensor-based automation using NodeMCU. Implemented real-time cloud monitoring for parking slots.