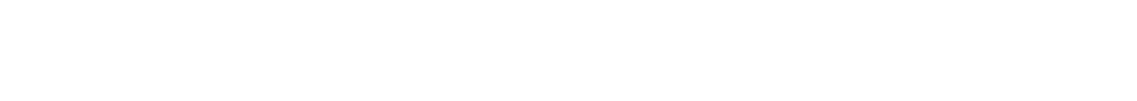
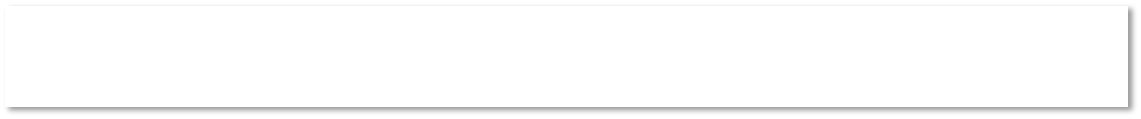
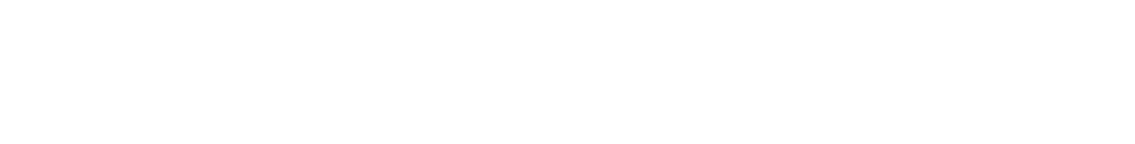
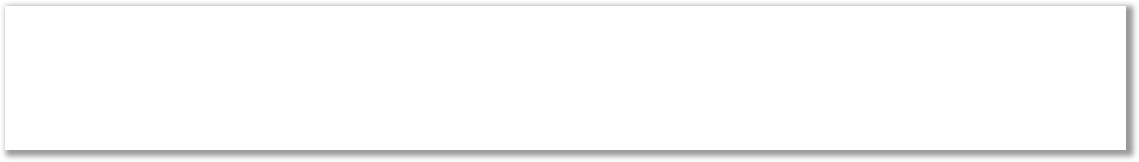
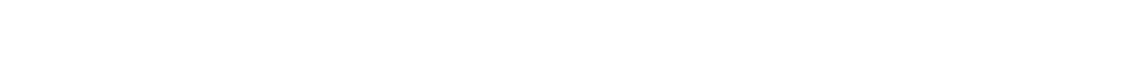
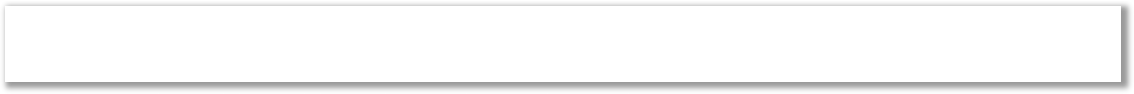
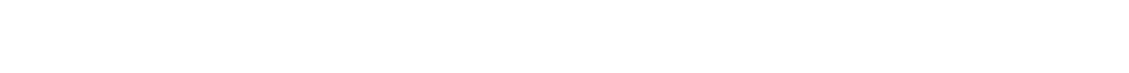
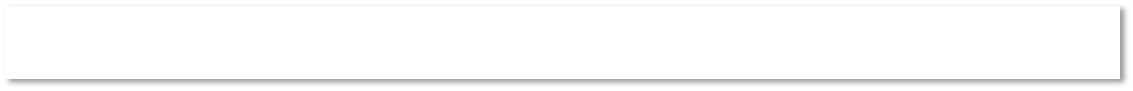
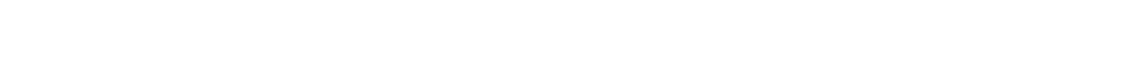
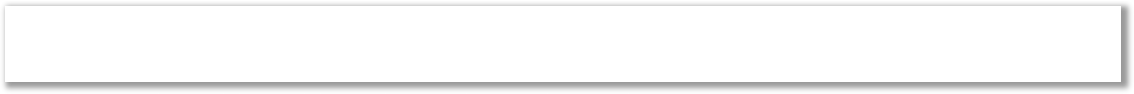
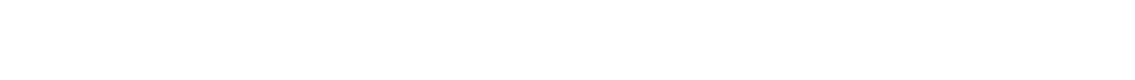
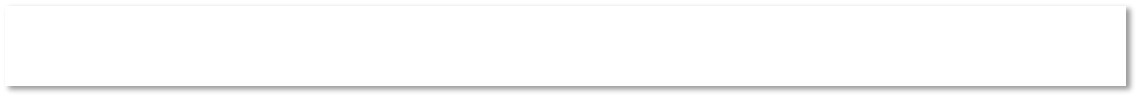
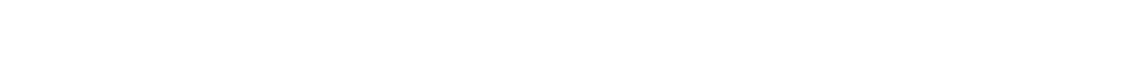
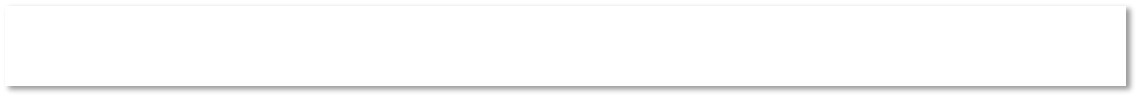
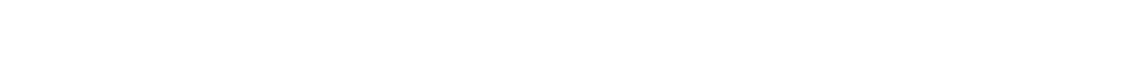
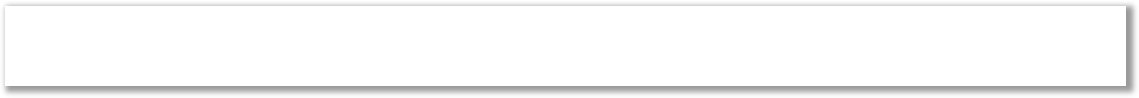
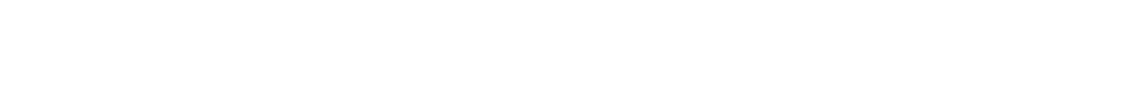
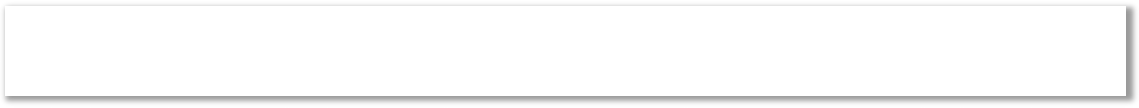
BALAJI G



Embedded System

Python

IOT

Python

**Yog-Mithra** is an AI-integrated smart yoga mat that provides real-time posture correction and progress tracking. It combines

sensors, smart watch connectivity, and expert yoga content to enhance users' yoga practice affordably.

**Meat Freshness Detector**

09 Feb – 24 Jun 2024

It ensures optimal food safety by using sensors to monitor the quality of meat in real-time, detecting spoilage and alerting users

when freshness declines.

**Python For Datascience**

**Key Skills:**

NumPy

Pandas

Matplotlib

Microcontroller

**Key Skills:**

16 Aug – 15 Oct 2024

**Yog-Mithra – A Smart Yoga mat**

2020

**Sri Mahadeva Guruji Matriculation Higher Secondary School, Thiruvarur**

10th || TNSB||Percentage: **82.67**

2022

**Government Higher Secondary School, Lalgudi**

12th || TNSB||Percentage: **73.67**

2022-2026

**SRM Institute of Science & Technology, Tiruchirappalli**

B.Tech -Electronics & Communication Engineering || CGPA **: 9.02/10**

Secured second position in **VIT-Techno VIT (Paper Presentation)**

2023

Top 5/64 NIT Puducherry – Hackathon

2024

**B.Tech -Electronics & Communication**

**Engineering Ph:** +91-6382176868

**Email:** [bg4649@srmist.edu.in](mailto:bg4649@srmist.edu.in) Tiruchirappalli, Tamil Nadu, India-621601.

**Linkedin:** [www.linkedin.com/in/balaji-gunasekaran902](http://www.linkedin.com/in/balaji-gunasekaran902)

Oops

Java

VHDL System Verilog

DSA

KEY EXPERTISE

Python C

EDUCATION

PROJECTS

Firebase

ACHIEVEMENTS

ASSESSMENTS / CERTIFICATIONS

**Introduction To Machine Learning on NPTEL**

**Key Skills:**

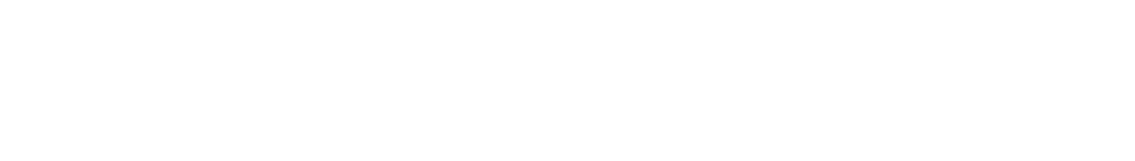
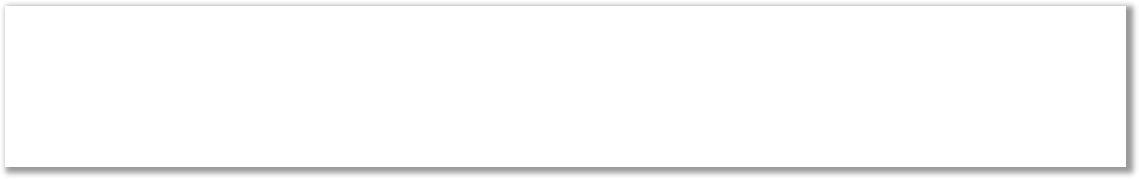
Machine Learning

**Verilog for an FPGA Engineer**

**Key Skills:** VHDL System Verilog

FGPA

EXTRA CURRICULAR ACTIVITIES



* Led content creation and editing for **Tamilan Gaming**, a YouTube channel with **100,000+ subscribers**, showcasing expertise in video production and audience engagement.
* Actively involved in **IoT projects**, and **PC building**.