**SAI VENKAT BALABADRUNI**

**EDUCATION**

* **B.Tech** **Electronics and Communication Engineering**

**CGPA – 7.63 / 10 2019 – 2023**

Amrita School of Engineering,

Amrita Vishwa Vidyapeetham, Chennai

* **Class 12** – 94% **[APSB] 2019**

Institution: Balaji Junior College

* **Class 10** – 95%**[APSB]** **2017**

Institution: Gayatri School

**TECHNICAL INTERESTS**

* Embedded systems
* Web development
* PCB designing
* VLSI

**PROJECTS**

* **Wireless sensor network**

A sensor network which monitors the health potatoes and show their status on Thingspeak server

* **Wireless gesture-controlled CAD rotator**

A BLE controller to control the 3D rotation of the object inside fusion 360.

* **College symposium website**

A responsive website which shows the details about the various events and redirects the users to a registration from.

* **Food calculator website**

Food calculator website

**CERTIFICATIONS**

* **Innovative Engineering**

Fractal Learn

* **Advanced HTML/CSS3**

Codedamn

* **JavaSrcipt Basics – Start writing JS Code**

Codedamn

* **Internet of Things and Machine Learning**

Bolt IoT

* **MATLAB Onramp**

Mathworks

**ACHIEVEMENTS & HONOURS**

* **E-Yantra Innovation Challenge**

IIT Bombay, Implementation Stage

* **Cloud based Analog IC Design**

IIT Hyderabad

* **Disneyo PCB Challenge 2k21**

Bannari Amman Institute of Technology

**TECHNICAL SKILLS**

* VHDL (Intermediate)
* C language (Intermediate)
* Fusion 360 (Intermediate)
* EasyEDA (Developer)

**LANGUAGES**

* English - Full Professional Proficiency
* Telugu - Native or Bilingual Proficiency

**WORK EXPERIENCE**

* **Trainee engineer**

01/2023-Present

Thotaka Technologies India Pvt Ltd

Unit testing firmware using Unity, Ceedling and CMock

**HOBBIES**

* Listening to Podcasts