ALOYS JEHWIN

Bachelor of Engineering
Electronics and Communication
Loyola-ICAM College of Engineering and Technology-Chennai

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.E., ECE	Loyola-ICAM College of Engineering and Technlogy	7.6 CGPA	Jun 2025
HSC(+2)	SAV Balakrishna Mat Hr Sec School	85.5 Percent	Arp 2021
SSLC-10Th	SAV Balakrishna Mat Hr Sec School	83,3 Percent	May 2019

INTERNSHIP

- **Invent Controls [⊕]**   *Nov 2023 - Feb 2024*
  Software Developer   Chennai,India
  ◦ Developed a **power management system** achieving **precise data** in **industry power consumption**
  ◦ Implemented with **time series forcasting algo**, enhancing **current reading accuracy** by **70 Percent**
  ◦ Conducted analysis on **real time data**, identifying **key variations**
  ◦ Presented findings at **KLEOS-24**, receiving an **special award**

- **Tamizh [⊕]**   *Jan 2024 - Feb 2024*
  Software Developer   Remote
  ◦ Designed modular framework with **OOP,** boosting code reuse by 25 Percent
  ◦ Optimized an **VR app** performance with custom data structures, reducing **memory usage**
  ◦ Enhanced **reliability** with robust exception handling, reducing **runtime errors**
  ◦ Ensured quality through **unit testing** and code reviews.

PROJECTS

- **AVSAR: Sense'It an HeadBand for deaf and blind**   *Jun 2023 - Nov 2023*
  Tools: Android Studio, Raspberry Pi   [◯]
  ◦ Developed an **headband** for **dual sensory loss people**
  ◦ Implemented **with necessary sensor's** for them to do **day-to-day task**
  ◦ Created with **Raspberrypi as control unit**, ensuring **zero latency**
  ◦ Applied in **real time usage** to analyze **noted outcome**

- **PANIIT Submit: Made an app for Health**   *Dec 2023 - Jan 2024*
  Tools: AndroidStudio   [◯]
  ◦ Designed **native application** for **Health monitoring**
  ◦ Integrated **Java and OOP's** to enhance **usability**
  ◦ Evaluated **data integrity** leading to **user engagement by 20%**
  ◦ Collaborated with **gym mates** on **dietary plan**

SKILLS

- **Programming Languages** : Java, C, Embedded C, Verilog
- **Technologies** : OOP's, YOLO v9, OpenCV, Google Cloud, Low Power Design
- **Tools** : Candence, Proteus, Android Studio, AWS

CERTIFICATIONS

- **Infosys SpringBoard** , Internet of Things 101 ,AWS technical Essential   *Nov 2023*
- **MAVEN Silicon**, Physical Design in VLSI Backend   *May 2024*

ACHIEVEMENTS

- **First Position (30k Rupees)** - IIT Palakkad(AVSAR)
- **Second Position (15k Rupees)** - Abhisharga(IIIT Sricity)
- **Overall Runners (25k Rupees)** - FKRC, Coimbatore(FKRC)

POSITIONS OF RESPONSIBILITY

- **Electrical Head,** Go-Kart/ Turbonites/ LICET   *Dec 2022 - Jun 2023*
- **Envision Mentor,** Envision/ LICET   *Nov 2023 - Dec 2023*