

ALOYS JEHWIN

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

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EDUCATION

Degree	${\bf Institute/Board}$	CGPA/Percentage	Year
B.E., ECE	Loyola-ICAM College of Engineering and Technology	7.6 CGPA	Jun 2025
$\mathrm{HSC}(+2)$	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

Chennai, India

 $Software\ Developer$

- 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 [�]

Software Developer
• 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

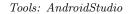
 $Tools:\ And roid\ Studio,\ Raspberry\ Pi$

• Developed an **headband** for **dual sensory loss people**

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- \circ 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



- 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

Dec 2022 - Jun 2023

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

Envision Mentor, Envision/ LICET Nov 2023 - Dec 2023



Remote