

VASUNDHARA VENGALA

Phone: 8688469448 | Gmail: vasundhara.vengala@gmail.com |

SKILLS:

Embedded Hardware and Firmware

Software: C, Python, Java

EXPERIENCE:

COMPANY: FOXCONN INTERCONNECT TECHNOLOGY, HYDERABAD

DESIGNATION: JR ENGINEER

“Bluetooth-enabled True Wireless Stereo (TWS) earbuds with ANC and ENC, DSP, and Apple H2 audio processor.”

Strong understanding of SMT manufacturing processes including process flow and production optimization

Knowledge of electronic components, PCB assembly, and circuit functionality

Skilled in quality control, defect analysis (eg, soldering issues, component placement). and yield improvement.

ROLES AND RESPONSIBILITIES:

Optimized production efficiency and minimized defects by implementing ongoing process enhancements and quality control measures.

Provided Training for Operators on SMT process flow using standard operating procedures (SOPs).

Provided practical guidance on identifying common SMT defects (e.g., solder bridges, tombstoning, misaligned components) and proper handling of PCBAs.

Gained in-depth understanding of customer-specific cosmetic standards and conducted training sessions for IPQC and FQC operators to ensure consistent inspection practices.

Knowledge on IPC-A-610 standards.

Coordinated with cross-functional departments for smooth operations and process alignment.

Performed Root Cause Analysis (RCA) and implemented Corrective and Preventive Actions (CAPA) for process-related and quality issues to ensure continuous improvement.

PROJECTS:

Soldier Health Monitoring and Tracking Using GSM GPS

EDUCATION:

B. Tech-CMR Technical Campus, Hyderabad
Electronics and Communication Engineering

2020-2024
CGPA:8.2

Intermediate
Sri Gayatri Junior College, Karimnagar

2018-2020
Score:963

Schooling
Kerala Model High School, Peddapalli

2017-2018
CGPA:9.7