

ANANTHAN A

📍 Ananthamangalam Udhimudu, Vattappara PO, Thiruvananthapuram, Kerala – 695028
☎️ +91 81379 66236 | ✉️ ananthanatvm123@gmail.com
🔗 LinkedIn: <https://www.linkedin.com/in/ananthan-a-5993a21a9>

Professional Summary

Electronics Engineer with hands-on experience in IC testing, screening, and evaluation for national space projects. Skilled in surface mount technology (SMT), burn-in testing, and operation of advanced test systems including SZ M3000 and Unimet 4000. Adept at data analysis, technical documentation, and ensuring compliance with MIL-STD-883 for high-reliability applications.

Core Competencies

- IC Testing & Screening: Digital ICs, Linear ICs, SMT Devices
- Test Equipment: SZ M3000, Unimet 4000, Universal Intelligent Programmer
- Technical Skills: Test Circuit Design, Burn-in Testing, Data Analysis
- Tools & Software: MS Excel, MS Word, PLC, SCADA, SCADUS
- Standards: MIL-STD-883 Compliance, Quality Control

Professional Experience

Electronics Regional Test Laboratory – Ministry of Electronics & IT, Govt. of India

Electronics Test Engineer | Jun 2024 – Jun 2025

- Performed functional, screening, and evaluation tests on digital & linear ICs for space applications.
- Designed and implemented test & burn-in circuits to evaluate component reliability.
- Operated advanced test systems (SZ M3000, Unimet 4000, Universal Programmer).
- Analyzed large datasets to identify defects and performance anomalies, ensuring 100% compliance with project specifications.
- Prepared detailed technical reports for client review.

Education

- B.Tech – Electronics & Communication Engineering, Mohandas College of Engineering & Technology
- Industrial Automation Certification, SMEC Labs
- Higher Secondary – Computer Science, Lourdes Mount HSS, Vattappara

Academic Projects

Gesture-Controlled E-Cart with RFID Smart Billing

- Developed a mobility cart controlled via hand gestures using accelerometer sensors.
- Integrated RFID-based billing system for automated checkout and real-time inventory updates.
- Implemented IoT features via NodeMCU to send data to a central server for mobile monitoring.

Technical Skills

- IC Testing, Screening, and Evaluation
- SMT Device Handling
- PLC & SCADA Programming
- Burn-in Circuit Design
- Data Analysis & Technical Documentation