NITHIN RAJ S

Embedded Engineer | PCB Design

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📍 Bengaluru

SUMMARY

Focused and hard-working Embedded Engineer with more than 2+ years of professional experience in the development of Defense quality products and Client projects as well. Having good system-level understanding with Embedded OS

EDUCATION

Electronics and communication engineering

RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

📅 08/2018 - 07/2022

SKILLS

Programming language

| C/C++ | C# | Java | Python |

Database

| SQL | MySQL |

Networking

| TCP/IP | WiFi | Bluetooth |

Embedded

| PCB DESIGN & LAYOUT | Hardware & Sensor integration |

| I2C, UART, SPI, MODBUS COMMUNICATION |

| MQTT,HTTP,LORWAN,BLE, Wi-Fi |

| Analog and digital sensor integration |

| Sensor signal containing |

EXPERIENCE

Embedded Engineer

Sun Bio IT Solutions

📅 08/2022 - Present   📍 Bengaluru

•Designing and developing embedded systems for various applications

•Proficient in programming languages such as C/C++ for embedded systems

•Debugging and troubleshooting hardware and software issues in embedded systems

•Collaborating with hardware engineers to design and implement embedded software

• Implementing and testing firmware for microcontrollers and other embedded devices

•Configuring and integrating various sensors and peripherals into embedded systems

•Developing and maintaining documentation for embedded software and systems

•Conducting performance analysis and optimization of embedded systems

•Ensuring compliance with industry standards and regulations for embedded systems Pammes puod urgan with the ability to manage sad priuritius inaltansosas requests

•Developed and tested high-speed digital and analog PCBs for various wireless communication products.

•Experienced in designing and routing complex multilayer PCBs with stringent high-speed requirements.

•Evaluated, designed and resolved critical PCB fabrication and assembly issues.

• Highlight your accomplishments, using numbers if possible.

LANGUAGES

English	Proficient	●●●●○
Tamil	Native	●●●●●
Kannada	Intermediate	●●○○○