

Manoj Mourya

E-Mail Id: manojmourya991@gmail.com

Mobile No: +91 9634878564

Current Location: Delhi

<https://www.linkedin.com/in/manoj-mourya-20>

Research & Development

Industry preference: Development

Location Preference:

Delhi/NCR/Noida

PROFILE SUMMARY

A dynamic professional with 3 year and 6 months of experience in

STM32 microcontroller #keil uvision #RTOS #SPI #UART #CAN #I2C
#STM32Cubeide #Kicad EDA #Documentation #Power Supply #Debuging
#C Language #Schematic & PCB Design

- Experience in embedded system development and firmware programming.
- Expertise in microcontroller-based system design and development.
- Familiarity with various communication protocols like I2C, SPI, UART, CAN, Ethernet.
- Experience in developing device drivers and interfacing with peripherals like ADC, DAC, PWM, etc.
- Expertise in Software integration, testing & documentation.
- High ability to identify and implement process improvements
- Accomplished in working with team towards achieving the target.
- Outstanding knowledge of software-hardware interactions and interfacing .
- Knowledge of Real-Time Operating Systems (RTOS) like FreeRTOS and AzureRTOS.
- Knowledge of hardware design and schematics.
- Experience with embedded software development and debugging tools (IDEs, debuggers, oscilloscopes).
- Ability to work independently and as a part of a team

ORGANISATIONAL EXPERIENCE

Company Name - Apogee GNNS Pvt Ltd., Noida

(From July 2022 to till date)

Designation - Embedded Developer - R&D

Responsibilities:

- Designed and developed firmware for various embedded systems using C programming languages.
- Implemented communication protocols like I2C, SPI, UART, and CAN for interfacing with peripherals.
- Integrated and tested hardware and software components to ensure functionality and compatibility.
- Designed and implemented software architecture for real-time embedded systems.
- Hardware design and schematics & PCB Design.
- Working on STM32 microcontroller.

Company Name - Superwave Communications and Infra Solutions Pvt Ltd., Delhi (From Aug 2021 to June 2022)

Designation - Embedded Engineer - R&D

Responsibilities:

- System design and planning of product development
- Design product Schematic and Simulation.
- PCB design, Assembly and circuit debugging.
- PCB soldering, desoldering and repair & testing.
- Design Hardware and integrate with firmware and testing.
- Embedded hardware development and testing
- Work on Atmel (Atmega328P) microcontroller.

Company Name - Laxmi Remote India Pvt. Ltd., Noida
Designation - Manufacturing & Test Engineer

(From Oct 2019 to Jul 2021)

Responsibilities:

- Assembly of PCBA Board and Testing of PCBA.
- Pick the bill of material Components and manage the components.
- Testing assembled Boards and rework or troubleshoot problems
- Soldering the board.
- Working with testers like ICT (In-Circuit-Testing).
- Testing and troubleshooting PCB boards.
- Understanding of PCBA layout and design practices with an ability to review existing layout.
- Liaison with the quality department to maintain quality in finished goods.
- Prepare the testing reports.

ACADEMIC DETAILS

2019	Diploma in Mechanical Engg. (Automobile) from Government Polytechnic Nainital, Uttarakhand with 66.60% marks.
2015	10th from Uttarakhand Board with 47.80% marks.

PERSONAL DETAILS

Date of Birth	:	07 th July 2000
Marital Status	:	Single
Hobbies	:	Playing Volleyball and Cricket and Travelling
Languages	:	English, Hindi

DECLARATION

I hereby declare that the above-written particulars are true to the best of my knowledge and belief.

Place: Noida

(Manoj Mourya)