



NAVEEN K M

Embedded Systems & Firmware Developer

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Kolar, India

TECHNICAL SKILLSOBJECTIVE

Embedded C

C Programming

ARM Cortex-M

STM32

Microcontrollers

GPIO

PWM

Timers

ADC

Interrupts

UART

SPI

I2C

CAN

RTOS Basics

Git

Debugging

Data Structures

Embedded Systems Developer experienced in firmware development using Embedded C. Skilled in peripheral configuration (GPIO, PWM, Timers, UART, SPI, I2C, ADC) and interrupt-driven real-time systems. Seeking to contribute to reliable and performance-oriented embedded solutions.

EDUCATION

BCA | Government First Grade College

2020 - 2023

Kolar

CGPA: 8.7

12th (PCMC) | Shree Venkateshwara PU College

2018 - 2020

71%

SOFT SKILLS

Problem Solving

Team Collaboration

Adaptability

Analytical Thinking

PROJECTS

Embedded Peripheral Driver Development 2024

- Developed drivers for GPIO, PWM, Timers, UART (SCI), SPI, and I2C.
- Implemented interrupt-based real-time control applications.
- Designed PWM-based motor control and serial communication modules.

LANGUAGES

English: **Fluent** Kannada: **Fluent**
Hindi: **Fluent**

EXPERIENCE

Embedded & Software Developer | Dubas Engineering Pvt. Ltd.

06 2024 - Present

- Developed firmware using Embedded C for microcontroller systems.
- Configured peripherals: GPIO, PWM, Timers, UART, SPI, ADC.
- Performed debugging, testing, and hardware integration support.
- Optimized firmware for performance and reliability.

CERTIFICATION

Java Full Stack Developer: **KG-iSL Micro College**

Meta Front-End Developer: **Coursera**