

**Smita Suresh Peddawad**

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M. Tech-Electronics and Telecommunications

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**CAREER OBJECTIVES**

To achieve a challenging position in company where skills, education and new technologies will be utilized towards continued growth and advancement.

**EXPERIENCE**

7+ overall experience with 6+ years of experience in development, analysis, design and implementation of various embedded based devices and drivers.

**PROFESSIONAL SKILL SET**

- Programming knowledge of microcontrollers and microprocessors.
- Programming Languages: Embedded C and C.
- Hands on experience in communication protocol: UART (RS232, RS485), SPI, Modbus RTU
- Driver development experience: PMIC TLF35584, FRAM FM25, FLASH S25
- Hands on experience in coding for STM32F4, STM32F7, Aurix TC2XX, TC3XX.
- Bare-metal programming.
- Experience on editors: Notepad++, visual studio code, eclipse etc.
- Compilers: GCC for ARM microcontrollers, Tasking for Aurix
- Debugger: ISYSTEM ic5000 from Infineon
- Knowledge of Programming tools: JTAG, ST-Link, Win-Idea
- Knowledge of hardware debugging with different tools like CRO, DSO, MSO, multimeter etc.
- Experience on using Enterprise Architect (EA), Tortoise SVN, JIRA
- Experience as Configuration Manager(SVN)

**CERTIFICATION**

1. Embedded System Design Using ARM | NPTEL | IIT, Kharagpur | March 2018
2. Microprocessors and Microcontroller | NPTEL | IIT, Kharagpur | April 2019
3. Problem Solving Through Programming in C | NPTEL | IIT, Kharagpur | April 2019

## **PROFESSIONAL EXPERIENCE**

1. Engineer at Vodafone India Limited from June 2015 to August 2016
2. Embedded Engineer at Renu Electronics Pvt. Ltd. Research and Development Department from Feb-2019 to June 2021.
3. Associate Engineer at Knorr-Bremse Technology Center India from June 2021 to November 2021
4. Senior Embedded Software Engineer at Knorr-Bremse Technology Center India from Dec 2021 to present.

## **EDUCATIONAL QUALIFICATION**

M. Tech: Electronics & Telecommunication  
Vishwakarma Institute of Technology, Pune  
June 2016 - July 2018

B.E. Electronics & Telecommunication  
International Institute of Information Technology, Pune  
June 2012 – July 2015