

NANDEESHA B S

Name	NANDEESHA B S
Employee Code	RSPL0170
Designation/Role	Embedded Developer/Member Technical staff
Total Experience	1 year
Email Id	nandeeshab@radiantsemi.com
Mobile No	+91-9945499535
Highest Education	BE
Key Skill Set	<ul style="list-style-type: none">➤ Hardware Environment :STM 32, ARM Cortex-4 ,Nucleo-64, ArduinoUno,ESP32.➤ Communication Protocols : Serial (RS-232/422/485), SPI, UART, I2C,etc...,➤ Debugging / Tracing Tools : Segger System View, Logic Analyser ,Serial Debug Assistant (SDA),Putty etc...,➤ Programming Skills : Embedded C, Makefile ,Device drivers, Datastructures, RTOS(FreeRTOS), C,C++, Assembly, OOPS, SQL Python, Numpy, Pandas,etc...➤ Tools/IDEs: STM32 cube MX, Codeblocks, MS Office ,Aurdino, Anaconda Jupyter Notebook , PyCharm ,Visual Studio,MQTT etc...,➤ Version Tools : GIT,GIThub.

Academic Profile:

Degree	School/ College/Institute	Board/University	Div/Marks	Year of passing
BE (Computer Science &Engineering)	University B D T college, Davanagere	VTU	6.42(CGPA)	2020
10+2	St.Aloysius P U college ,Harihara	Karnataka State Board	72%	2016
10	MKET LK high school ,Harihar	Karnataka State Board	83.84%	2014

Experience Summary:

Role/Designation	Employer	Duration	Years
Embedded Developer	Radiant Semiconductors Pvt,Ltd	Oct 2022 to present	6 months
Business Development Assosiative	Byju's	Mar 2021 to Aug 2021	6 months

Professional Training

Sr.No	Institute	Duration
1	Indian Aviation Trade & Technologies	Jul 2019 to Aug 2019

Profile Summary:

- Having Programming knowledge on C , Python 3.7,basics of Java.
- Having good knowledge on Embedded C software development.
- Knowledge of computer hardware and software architecture.
- Worked on UART Data Transmission .
- Worked on SPI Protocol Data Transceiver (transmitter and receiver). .
- Design and Development of Device Drivers of STM32F407VG MCU
- Establishing Master-Slave communication between STM32 Board and Aurdino-uno Board through SPI and UART
- Very good knowledge of debugging issues.
- Worked on Sales and Pre Sales .

Project details:

Project:	Predicting of Heart disease using Machine Learning
Location	<u>Davanagere</u>
Client	
Contribution:	<u><i>Roles and Responsibilities</i></u> <ul style="list-style-type: none"> • Planned the working of project • Developed the code according to the requirement • Analyzing code and implementing.
Tools & Language used:	Python 3.7,MySql , XAMPP
Methodology	Machine learning
Duration	6 months

Project:	Smart Irrigation project (IOT)
Location	<u>Bangalore</u>
Client	
Contribution:	Roles and Responsibilities <ul style="list-style-type: none"> • Planned the working of project • Implemented UART communication between ESP32 and STM32 • Created web page to view the status of our equipment • Developed the code according to the requirement • Analyzing code and implementing.
Tools & Language used:	Embedded C, Aurdino IDE,STM cube IDE
Methodology	IOT
Duration	1 month

Personal Information

■ DOB: 03 Feb 1999

■ Marital Status: Single

■ Citizenship: Indian