

Curriculum Vitae

Ribadiya Dinesh C. C/401-Suramya Residency, B/H Suvas Residency, Nr. Seventh Day School, Nikol, Ahmedabad. 382350.	Mobile: +91-9978536595 ☎ (Res.): +91-9157078815	
	✉ : dc_786ribadiya@yahoo.com	
	Date of Birth: 7th July 1986	

Career Objective:

To establish myself as a high performing asset of the organization where I can realize my strengths and potential as an embedded firmware engineer and team leader and hence can develop myself aiding to the growth of the organization.

Total Experience in Briefly:

Post held (Designation)	Period of Service (MM/YY) From To		Duration (Month)	Name/Place/ State of Organization	Nature of Duties
Sr. Firmware Engineer	SEP-2019	Present	23	MPC PVT. LTD.	Embedded Firmware Development + Guide the Team.
Sr. Firmware Engineer	FEB-2015	OCT-2019	56	Cosmic I (Insigma INC) + Free lancer	Embedded Firmware Development.
Embedded Software Engineer	APR-2012	FEB-2015	35	Jhanvi InfoTech (Sciter Technology Pvt. Ltd) + Free lancer	Embedded System Software Development.
Embedded Software Engineer	JULY-2011	MAR-2012	9	Spectra Technovision (I) Pvt.Ltd. A' bad.	Embedded System Software Development.
Software Engineer	SEP-2009	JUNE-2011	22	KATLAX ENTERPRISES PVT.LTD. Ahmedabad.	Software Development, Testing, Calibration.
Testing & Production Engineer	NOV-2008	AUG-2009	9	Hem Electronics Technologies Pvt.Ltd. A' bad.	Testing, Assembly, Troubleshooting& Calibration

Educational Qualification:

Degree	College/ School	Board/ University	Year	Percentage	Class
S.S.C	Vidhayanagar School	G.S.E.B	2002	83.00%	Distinction
H.S.C.	Axay High School	G.H.S.E.B	2004	52.62%	Second
Electronics & Communication Engineering	Shri S'ad VidyaMandal Institute of Technology.	South Gujarat University	2008	66.61%	Distinction

Skill Sets:	
Area of Interest	Software Development, Learn and implement New Protocols, Embedded Linux, Wireless Technology (BLE, WiFi, Zigbee), Product Improvement.
Operating Systems	Windows 7/10

Work Experience:	
At MPC Pvt. Ltd:	
I have joined the MPC As an Sr. Embedded Firmware Engineer.	
Nature of Work:	
<ul style="list-style-type: none"> I have done BLE Broadcaster using nRF52 Nordic BLE chip. I have used MATLAB Code for convert MATLAB to C code. I have Used MQTT using GSM/GPRS module to communicate with online server. 	
At Cosmic I (Insignia INC):	
I have done the job in Cosmic I , Ahmedabad for 56 months as a Sr. Embedded Firmware Engineer.	
Nature of Work:	
<ul style="list-style-type: none"> I have done BLE peripheral and central using nRF51 and nRF52 Nordic BLE chip. I have implemented HTTP/HTTPS using GSM/GPRS module to communicate with online server. I have implemented Remote and other peripheral device firmware upgrade within proximity. I have used GPS to getting longitude, latitude and Time related parameter. I have used Accelerometer for movement detection. 	
At Jhanvi InfoTech (SciTER Technology Pvt. Ltd):	
I have done the job in the Jhanvi InfoTech , Ahmedabad for 30 months as a Sr. Embedded System Software Engineer.	
Nature of Work:	
<ul style="list-style-type: none"> I have done TCP/UDP Client Application with Online/Local Server using Ethernet. I have implemented Embedded Web server Application to Configure Device parameter. I have done Bluetooth IP gateway, this device communicating with other Bluetooth based end device like Garage door, Lock, Light etc. as well as communicate with online server. I have implemented Ethernet functionality with Stellaris LM3S6432, Tiva-C TM4C129x and LPC1778 controller. I have done Zigbee IP gateway, this device communicating with another Zigbee node which is configured as an End device/Router as well as communicate with online/local server like street light controlling and Home Automation over Zigbee. 	
At Spectra Technovision Pvt. Ltd. :	
I have done the job in the SpectraTechnovision (India) Pvt. Ltd. , Prahladnagar, Ahmedabad for 9 months as an Embedded System Software Engineer.	
Nature of Work:	
<ul style="list-style-type: none"> I have developed a PIC18 microcontroller Based Software. I have done SPI communication with RTC and Flash Memory. I have done Finger Print Detection with Capacitive and Optical Sensor. I have done Electromagnetic (As a Clock Data & Wiegand Data Protocol) MIFARE TAG and HID TAG Detection. I have done GPRS Communication using GSM module with Live IP address. I performed the testing FIRMWARE With Attendance, Canteen Management and MIFARE TAG Read/Write Application etc. 	
At KATLAX ENTERPRISES PVT.LTD. :	
I have done the job in the KATLAX ENTERPRISES PVT.LTD. , Santej, Ahmedabad for 22 Months as a Software Engineer.	
Nature of Work:	
<ul style="list-style-type: none"> I have developed a PIC16 microcontroller Based Software. I have done wireless communication using X-BEE module for Sensor Junction box. I have done Seven Segment LED and LCD Display, Analog and Digital Measurement, MODBUS RTU Protocol, 2-Wire Digital Communication (similar to i2c), RS-232 & RS-485 Communication, Calibration at Customer Site, Power down Memory, Set Point in Controller Unit etc. I performed the testing and calibration of Differential Pressure Transducer, RH & T indicator and Controller, RPM meter, Event Counter, Hour meter, Length Counter etc. 	
At Hem Electronics :	
I have done the job in the Hem Electronics , Ahmedabad for 9 Months as a Testing & Production Engineer.	
Nature of Work:	
<ul style="list-style-type: none"> I have verified the performance test & operation of RTD, Counter meter, Temperature controller, RPM meter, Power Factor meter, Watt meter etc. All of these applications are microcontroller based. I have assembled, tested and calibrate the all these meter. 	

Educational Projects:	
Name:	"Measurement, Display & Protection Unit Along With Graphical User Interface"
Duration:	1 Year
Technologies:	Used 16x2 LCD, ADC0809, Microcontroller AT89C52, RS232 COMMUNICATION, GUI.

Additional Projects (proto type):	
Name of Projects:	"Prepaid Energy Meter"
	"Motor Protection Relay Unit"
	"Temperature, Pressure and Heat Controller"
	"Moving Display Using Dot Matrix display"
	"Fingerprint based Attendance System"
	"GSM based Home Automation System"
	"USB based Home Automation System"
	"Zigbee based Home Automation System"
	"Bluetooth based Home Automation System"

Additional Qualification/Activities:	
Training: Undergone a Certified Training on PLC & SCADA for the Duration of 4 Days.	
Extra Curricular Activities: Participated in PLASTINDIA 2009 at International level Exhibition at Pragati Maidan, Delhi.	

Personal Information:	
Name:	Ribadiya Dinesh Chhaganbhai
D.O.B:	07-07-1986 (7 th July 1986)
Address:	C/401-Suramya Residency, B/H Suvas Residency, Nr. Seventh Day School, Nikol, Ahmedabad – 382350.
Father's Name:	Ribadiya Chhaganbhai Govindbhai
Gender/Height/Weight:	Male/ 5'4.5" / 60 Kg
Religion/Category/Cast:	Hindu/ Open / Patel
Marital Status:	Married
Languages:	English, Gujarati, Hindi.
Email:	dc_786ribadiya@yahoo.com
US Visa	B1, B2

I hereby declare that the above mentioned information is true to the best of my Knowledge and belief.

Date:

Place: Ahmedabad

[Dinesh C. Ribadiya]