

RESUME

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CAREER OBJECTIVE:

To gain a dynamic and challenging role in the area of Engineering where I can perform to the best of my knowledge and skills and enhance them for the better future of the organization and self.

TECHNICAL SKILLS:-

Course : Certified Embedded System Engineer
Company : Prolific Systems & Technologies Pvt.Ltd

Job Profile : Worked as an Embedded Engineer in Prolific Systems & Technologies Pvt.Ltd for Embedded Development & Training Department from last Two years.

Job Responsibilities : Developing microcontroller board and software for different microcontroller using Nu-780E52 , PIC-16 & 18 board ,ARM 7-LPC 2148, I2C protocol development driver, SPI protocol for CAN Development. Analog Sensor interface, input devices & output devices interface. Internet of Things project developed using cloud. Giving training on Embedded System to students and working professionals for enhancing their skills for development.

- 1) Assembly Language
- 2) Embedded C
- 3) Microcontroller programming
- 4) 8051 , pic16,pic18 ,ARM
- 5) PCB Design
- 6) Robotics
- 7) Linux
- 8) RTOS
- 9) Python Language
- 10) Raspberry pi
- 11) Arduino
- 12) Sensors & Hardware Interfacing
- 13) IIOT

EDUCATIONAL DETAILS:-

- **Engineering**: Vishwatmak Om Gurudev College Of Engineering, Thane, Shahapur, Aghai.
- **Branch**: Electronics & Telecommunication

Class	University	Year of passing	Percentage%	Remark
BE(EXTC)	MSBTE	Pursuing	-----	Appearing
Diploma	MSBTE	2013-19	62.21	First Class
SSC	Janki Vidhyalaya Titwala	2012-13	64.41	First Class

ACHIEVEMENTS:-

- 1st prize in quiz competition,
- 1st prize in Electronic Circuit development competition.

ACADEMIC PROJECT:-

1) Diploma Project: Voice Controlled Robot Car and Home Automation

Technical Qualification:-

- C Language.
- Attended Workshop on Electronic Welfare based on IEEE.
- Networking (CCNA-3.0):
 - Network Fundamentals, LAN Switching Tech., Routing Tech., WAN Technologies
 - Infrastructure Services, Security & Mgmt. CCNA Lab Topics : Router & Switch Basics, Core Routing & Switching, Security, Troubleshooting IP Connectivity
- OSP:
 - Maintaining of OFC Backbone paths, Access ring & NLD Path. Vendor management and co-ordination for all planned and unplanned outages. Managing the Fault Rectification within the time window (MTTR) by arranging, The FRT at the spot and ultimately restoration of the link by splicing the fibers. End to end Fiber Link Testing with OTDR, Power Meter and Power Source. Submit Excel sheets of OTDR event loss report and Power Meter report Maintenance, faultfinding and solution reducing Fiber losses & MTTR
- Wireless Telecom:
 - In-depth understanding of wireless technologies including GSM, CDMA, 2.5G and UMTS, LTE
 - Basic functioning of MSC, BSC, OMC, BTS.
 - Drive Test Analysis and Planning.
 - BTS Infrastructure Maintenance
- Wireline Telecom:
 - Optical Fiber Communication, Optical splicing, Optical Testing & Measurements.
 - SDH and PDH, MPLS, WiFi, WiMax.
- Post Graduation Diploma in Embedded System:
 - Programming Language:- C, Embedded C, Assembly(IC89V51RD2).
 - Operating system: windows 7/8/10, XP, Vista, Rtos.
 - Programming Software: Keil uVision, MPLAB.
 - Simulation/PCB Designing
 - PIC (16,18) Microcontroller, ARM controller.
 - Communication Protocol- UART
 - I2C : Port Expander, ADC, RTC, EEPROM
 - CAN : Concept of CAN
 - Miniproject on CAN Development for transmitter node and receiver node using spi protocol with hardware and software using Embedded- C.
 - Robotics: DC motor, stepper motor, servo motor.
 - Arduino uno and arduino IDE.
 - Linux : Configure board, Transfer file, TFTP Boot, Concept OF Linux, Embedded linux, flash concept, Paths load linux, configure TFTP local host, transfer TFTP protocol.
 - ARM: Arm-cortex-A8 texas.

- Interface Device - LED, LCD, and KEYPAD using Interrupt, 7 segments LED.

Skills:-

- Good communication skills.
- Open to learn
- Team work.
- Hard working and self- motivated

PERSONAL DETAILS:-

Gender	: Male	Language Proficiency: English, Marathi, Hindi.
Date of Birth	: 13/08/1995	
Current Address	: Shri Ganadhish CO.OP HSG SOC Titwala East Kalyan ,Thane 421605	
Permanent Address	: Shri Ganadhish CO.OP HSG SOC Titwala East Kalyan ,Thane 421605	

DECLARATION:-

I hereby declare that the above-mentioned information is correct to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:
Place: Titwala

Yours Faithfully,
(Bhabad Ganesh Sakharam)