

Prajapati Bhavesh

MOBILE No.: +91 8866839912

Email ID : Prajapatibhavesh37@yahoo.in

Career Profile:

Highly skilled talented and qualified “**Embedded Hardware and Testing Engineer**” seeking for a challenging position in a reputed organization where I can implement my extensive experience as well as expand my knowledge base by getting new opportunities.

Experiences:

Electronics Hardware & Testing Engineer,Gameium llp,Gandhinagar

(Feb.- 2022 to Present)

- Design and verification of the schematic and layout of the product.
- Debugging and troubleshooting of Kiosk machine hardware.
- Testing of all modules which are use in kiosk machine.
- Research and selection of components.

Electronics Hardware Engineer,Amnex InfoTechnologies pvt ltd,Ahmedabad

(March-2019 to Feb.- 2022)

- Testing of different wireless technology based smart streetlight products like LoRA/LoRaWAN/GSM /Bluetooth/Wi-Fi.
- Interface pcb module design for M66 GSM 2G network module.
- Interface pcb module design for LoRaWAN and NB-IOT module in Altium tool.
- Debugging and troubleshooting of Hardware as per Schematics design.

Electronics Hardware Engineer,Neuation Technologies pvt ltd,Gandhinagar

(March-2013 to March-2019)

D06 Centrifuge :

- Design a controller circuit for D06 centrifuge which is used in medical laboratory.
- It design using PIC series micro controller,7 Segment,Encoder,BLDC motor,solenoid,leds etc.
- Testing and debugging of circuit.
- Prepare of B.O.M and find vendor for component.
- At last product EMI /EMC testing & certification

i Stri 5/10 station stirrer :

- Design a controller circuit for i strir 5/10 station which is used in medical industry.
- It design using PIC series micro controller,7 segment,Dom switch,BLDC motor,leds etc.
- Testing and debugging of circuit.
- Prepare of B.O.M and find vendor for component.

i Stir HP320/HP550 :

- Design a controller circuit for i Stir HP320/550 which is used in medical industry.
- It design using PIC series micro controller,7 segment,dom switches,BLDC motor,PT1000 sensor,leds ,Encoder sensor,Heater,Thermo couple etc.
- Testing and debugging of circuit.
- Prepare of B.O.M and find vendor for component.
- Prepare document for Production department.

Service Engineer, Nox India Corporation, Ahmedabad *(July 2012 to February 2013)*

- I started my career as service engineer at here,
- Testing and wiring of all Eye Equipments, Operation tables & chairs.
- Servicing of all Eye Equipments, Operation tables & chairs.

Technical Skills:

- **Software Tools :** Altium23, JIRA, Hercules setup utility, Docklight, Termite3.4.
- **Micro controller :** PIC16F1937, PIC16F1946, PIC18F67k22, ESP32 based project
- **DC-DC Power Supply topology :** buck, boost, buck-boost etc.
- **Serial communication protocols :** SPI, I2C, UART, RS232, USB2.0 etc.
- **IoT Technologies :** GSM, Wifi, Bluetooth, GPS, LoRA, LoRAWAN
- **Certification :** EMI/EMC testing at EQDC.ERDA lab.
- **PCB design :** Up to 4 layer pcb design in Altium23.
- **Instrument :** CRO, Multi-meter, Power meter, LCR meter etc.

Education Qualification:

- B.E. in Electronics and Communication engineering from KITRC Kalol in 2012 (Gujarat Technological University) with 6.46 CGPA.
- H.S.C. from M.B.Patel vidhyalay, Ahmedabad in 2008 with 73%.
- S.S.C. from Tirupati School, Ahmedabad in 2006 with 86%.

Personal Details :

- **Full Name** : Prajapati Bhaveshkumar Baldevbhai
- **Date of Birth** : 1st July 1990
- **Marital Status** : Married
- **Languages Known** : English, Hindi, Gujarati
- **Hobbies** : Reading book, watching cricket match.
- **Personal skills** : Positive attitude, self motivation
- **Nationality** : Indian
- **Permanent Address** : J-702, Sarvesh apartment, Balolnagar, Ranip, Ahmedabad-382480

Declaration:

I hereby declare that all above mentioned information is true to the best of my knowledge.

Prajapati Bhavesh