

# CURRICULUM VITAE

## Akbar Husain Shaikh

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## Summary

- Diploma Engineering in Electronics & Telecommunication Engineering completed from one of the reputed college of Mumbai University.
- Having experience in Circuit Simulations, Schematic & PCB Layout Design upto 2 Layers using CAD Software.
- Experience in Embedded C.
- Troubleshooting or fault analyzing in Electronics system.
- Servicing & Maintaining of Electronics System.
- Having experience in Servicing & Testing of different types of GPS Trackers & analyzing reports.
- Assembling & Testing of Modules like Converter, Finger Print, RFID, Power Module, & SCADA System.
- Testing & Interfacing of One Wire Keypad & Fuel Sensor with GPS Trackers.
- Testing & Interfacing of RFID with GPS Trackers.
- Having experience in Auto-CAD Design.
- Having experience in Microsoft Office.

## Education Details

- Diploma Engineering in Electronics & Telecommunication from Mumbai University, Vidyalanekar Polytechnic in 2015 with aggregate of 63.78 %.
- HSC Vocational (Electronics) from Maharashtra State Board in 2012 with percentage of 45.00 %.
- SSC from Maharashtra State Board in 2010 with percentage of 73.09 %.

## Technical Skills

- **Programming Languages:** Embedded C.
- **Operating Systems:** Windows 7 & 10.
- **Tools & Technologies:**

✓ Eagle CAD	✓ Proteus Professional	✓ MS-Visual Basic
✓ PCB Wizard	✓ NI Multisim	✓ AutoCAD
✓ Keil uVision	✓ Code Blocks	✓ MS-Office
- **Other Skills:**

✓ Embedded C	✓ Professionally Soldering Skill
✓ Schematic & PCB Designing	✓ Familiar with measuring device such as Digital Multimeter.
✓ Microcontroller 8051	
✓ Serial Protocol (UART, I2C)	

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## Work Experience Details (3 Years 6 & Months of Experience)

**PlexiTech Technologies Pvt. Ltd.**

**Service Engineer**  
Feb-2015 to Present

- Making wiring harness for systems & GPS Trackers.
- Configuration and Testing of MDT & Temperature Sensor for SCADA system.
- Testing & assembling of Modules like Converter, Finger Print, RFID, & Power Module.
- Testing & Interfacing of One Wire Keypad & Panic Button.
- Testing & Interfacing of Fuel Sensors with GPS Tracker.
- Interfacing of input & output devices with GPS Tracker.
- Testing of Security Cameras.
- Testing & Interfacing of RFID with GPS Trackers.
- PCB & Schematic Designing up to 2 layers.
- Testing of different types of GPS Trackers & analyzing reports.
- Servicing, Assembling of Electronics Circuit Boards.
- Troubleshooting or fault analyzing in systems.
- Preparing report on the different devices or equipment.
- Documentation.
- Remotely support to the field engineers.
- Visiting sites.
- Desktop & Networking Support.

## Academic Project Details

- **RFID Based Security System**
  - ✓ The measure components are MCU, RFID Tag, RFID Reader and Actuator Lock.
  - ✓ The every tag has its own serial number, must be encoded into source code or memory.
  - ✓ A user places tag to the reader then input gets compared and actuator lock gets open and close as result.
  - ✓ Finally an authorized user accesses the security.
- **Automatic Soil Irrigation System**
  - ✓ The system is very useful for farmers.
  - ✓ It delivers time to time service as the crops need. It detects water level or moisture in soil and light from the sun then supply calculated water to the farms.
  - ✓ It waters the farm for certain time period and then automatically off.
  - ✓ The watering time period can be adjusted as per farm area and user.

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## Other Projects, I worked as Developer (Personal Project)

- RF Based Home Appliances Control.
- RF Based Notice Board.
- GSM Based Notice Board.
- Keypad Based Security System.
- 12v Mini UPS for Modems and Routers etc.
- Home Automation (Automatic Light ON/OFF by Human Presence, Doors & Windows status display).
- Robotics Vehicle (Wireless Remote Controlled Robot, Line Following Robot, Automatic Robot Vehicle).
- Digital Dice.
- RTC Based Clock.
- Digital Door Bell System.
- And many more.

## Strengths

- Quick learner and good grasping ability
- Lead and work as a team in organized way
- Good time management skill

## Extra-Curricular or Hobbies

- Internet Surfing
- Listening to music

## Personal Details

- **Date of Birth** : 16<sup>th</sup> Dec 1993
- **Sex & Status** : Male & Single
- **Nationality** : Indian
- **Languages Known** : English, Hindi.