

# Shabhana S M

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## PROFESSIONAL SUMMARY

To continuously enhance my knowledge, skills and experience by getting involved in a challenging work environment and utilize them for personal and organizational growth to the best of my ability.

## EDUCATION

### Bachelor of Engineering : Electrical and Electronics Engineering

Adhiyamaan College of Engineering - Hosur  
Graduation Date: April 2018  
CGPA : 8.97

## PROJECTS

### Project Title: INTELLIGENT RELAY FOR MOTOR PROTECTION

**Description:** Intelligent motor protection relays can be used to detect the failures of a machine from over voltage, overload, winding and bearing temperature using PIC microcontroller and prevent motor overheating.

### Project Title : INVISIBLE BROKEN WIRE DETECTOR

**Description :** Invisible broken wire detector is used to locate the exact position of breakage in conducting wires concealed in PVC jacket by using CMOS hex inverter and bipolar junction transistor.

## CERTIFICATIONS

- Workshop program on " **Robotics-Sixth Sense**" by Amrita University, Coimbatore.
- Project work on "**Motor Protection Relay**" in Thermal Power Station (TNEB), Mettur Dam.
- Fundamentals of Digital Marketing Certificate by Google Digital Unlocked.
- **MATLAB** certificate course by MathWorks Training service.
- Certificate on **Java (Basic)** by HackerRank.
- Course on **Machine Learning** with Python by Cognitive class.
- Cloud Endure Migration Training - Amazon Web Service (AWS).
- Participated in "Innovative Idea Pitch ", IIT Roorkee.

## SKILLS

- Good Communication skills
- Organization and Time Management
- Problem-Solving
- Analytical and Critical Thinking
- Ability to work in a team
- Multitasking Abilities

## TECHNICAL PROFICIENCY

- Languages : C, C++, Java
- Operating system : Linux, Windows
- Microprocessor : 8085, 8086
- 8051 Microcontroller

## LANGUAGES

- English
- Tamil
- Hindi