

Navya Dharmapuri

Software Tester | QA

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Project:

Modern Home Automation System Using Intelligent Touch Screen 2011 - 2012

Sahaja Institute Of Technology & Sciences

Technology Stack: Electronic Components [Transformer, Rectifier, Microcontroller (AT89C52), Triacs, Graphical Touch pads, opto-isolaters etc.];

Duration: 6 months

Description:

The main objective of this project was to develop a home automation system with a touch screen based control panel. In order to achieve this, a touch panel was interfaced to the micro controller on transmitter side which sends ON/OFF commands to the receiver where loads are connected. By touching the specified portion on the touch screen panel, the loads can be turned ON/OFF remotely through wireless technology.

Roles & Responsibilities:

- Researching & gathering content from different sources (books, papers, online, etc.)
- Connecting hardware components as per the circuit(Receiver side)
- Preparing power point presentation & presenting the project

Education

B.Tech 2008 - 2012

SAHAJA Institute Of Technology & sciences

Electronics & Communication Engineering

Achievements

- Got recognition as one of best Matlab programers in entire college
- Participated the National level Technical Conference held on VAGESWARl Engg college.

Courses/Certification

- **Professional Software Testing Course** from SEED INFOTECH LTD.
- Successfully completed training curriculum of the **"Automation Specialist level 1"** (TOSCA).

Other traits

- Sincere, Hard-working, self-disciplined.
- Good team worker, co-operative, adaptable nature.
- Willingness to learn new things.

Hobbies

Skills

Manual Testing

- Test case writing & execution
- Good knowledge of SDLC & STLC
- Good Knowledge of testing techniques & defect life cycle

SQL

- SELECT queries with conditions & clauses
- Sorting tables as per requirement
- Delete/insert rows
- Joins, Sub-queries, Grouping
- Good knowledge of RDBMS Concepts

Communication

MS Office

- MS Excel
- MS word

HTML

- HTML Tags
- CSS