

THUMMALA SRAVANTHI
Email ID : t.sravanthireddy44@gmail.com
Mobile No: 918885293792

SUMMARY

An engineer with 3years of Experience in Testing and trouble-shooting, Quality Control of PCB's, managing project material with good project management skills.
Action-oriented with strong ability to communicate and work effectively with technology execution.
Expert in mass production handling to meet the timely delivery of project.

PROFESSIONAL EXPERIENCE

ELECTRONICS CORPORATION OF INDIA LIMITED(ECIL),ECIL.

ECIL was engaged in design, development, manufacturing and marketing of several products for defence, broadcasting, telecommunication, security systems, military forces.

Job Profile: A

Designation :Technical Officer-C

16.03.2018 to 31.05.2019.

Role: Testing and Troubleshooting

Project Details: Manufacturing of EVM and VVPAT machines.

Major Responsibilities :

- Worked in secured manufacturing facility which is used for ECI EVM's, SEC EVM's and VVPAT machines.
(i.e. Performing PCB Level mapping, driver PCB testing and mapping, unit level mapping, serial number allocation and serial number marking using different types of laser marking machines for security purpose according to ECI guidelines, issuing digital certification, performing unit level and functional level testing, troubleshooting, performing negative test and analysing the errors).
- Programming of microcontroller by using application software through PG-F5 device (Renesas Company) and loading digital certification into the device using secure manufacturing application.
- Also experienced in Election Operations like FLC, commissioning, sealing, distribution, polling and counting related to Election Commission Of India and various State Election Commissions.
- Performing final quality testing, functional evaluation and sampling test of EVM's, SEC EVM's, and VVPAT machines for ECI & SEC models.
- Having the ability to use proper electronic devices for PCB testing and resolve the issues.
- Having the ability to lead projects and Job allocation to the team as per skills and requirement by interacting with colleagues at all stages of production in a large PSU organization.
- Material Planning (Material Inspection, production & allocation management).
- Maintaining & updating records and documents for future reference and presenting regular reports to senior management.
- Providing technical support(circuit level analysis) of EVM Machines to the team.

(Continued)

Job Profile: B**Designation :Engineering Consultant****01.12.2016 to 15.03.2018.****Role: Testing and Troubleshooting****Project Details: Main Automation Exchange For Next Generation(MAX-NG).**

MAX-NG is the upgrading PSTN network compatible to IP enabled exchanges i.e, upgrading the existing circuit switching network to IP switching network. These switching action is performed by two units LAGU(Line Access Gateway Unit) and CACU(Central Access Control Unit).

Major Responsibilities :

- Testing and troubleshooting of different types of PCB cards used in LAGU and CACU.
- Performing various tests on each PCB like impedance test, voltage test, clock test and functional level testing.
- Performing tests from PCB level to chassis level .
- Inspection activity of incoming material/components and assembled PCB boards.
- Performing Tests on each and every interface i.e., Ethernet Link, Memory Interface, Audio, HDMI, USB link , E1 Links Etc.
- Programming of FPGA using QUARTUS-II software application and loading the boot loader into the microcontroller using JTAG connector.
- Partitioning the eMMC memory unit and loading the Linux application (ubuntu) into the card.
- Maintaining and preparation of day to day report.

Job Profile: C**Designation : Graduate Engineering Apprentice****21.01.2016 to 29.11.2016.****Role: Testing****Major Responsibilities :**

- Testing of layer 3 and layer 2 network switches.
- Accessing the printers by using moxa converter (Serial to IP) through telnet .
- Testing of security related card readers, hand geometry readers, serial to IP converter.
- Data collection for access cards.
- Adding the users and ids into the hand geometry reader application & testing the communication between application and hardware.
- Preparation of specification based on the customer requirement.
- Performing teaming in linux and windows os.

EDUCATION

- **BACHELOR OF ENGINEERING (Electronics And Communication Engineering)**
From Joginpally B.R Engineering College, JNTU University, Hyderabad with 82%.
May 2014
- **DIPLOMA (Electronics And Communication Engineering)**
From Jawaharlal Nehru Govt. Polytechnic, Ramanthapur, Hyderabad with 88%
April 2011
- **SSC** From Ganesh Nandini Grammar High School, Moula-ali, Hyderabad with 83%.
March 2008

(Continued)

1. TITLE: FPGA Implementation Of Dynamic Key Based Stream Cipher For Cryptographic Processor.

Project description: In this project, a method of secured encryption and decryption using RC4 algorithm and toeplitz hash function in the integrated form is proposed where the key is generated by using toeplitz matrix based hash value generator.

Dynamic key is generated by using toeplitz hash function which is used as a key to the RC4 stream cipher. It is a method of secured encryption and decryption. The proposed method is coded in verilog HDL code and simulated by using vivado 2015.2 tool and hardware implementation on ZYNQ board (FPGA).

2.Title : Speed Control Methods of DC Variable Drive.

Company: Bharath Heavy Electrical Limited(BHEL)

Project Description: The main aim of the project is to control the speed of the DC motor at any instant by using electronic DC drives. Applications of dc motor in day-to-day life are vast. They are widely used in applications required in adjustable speed. Hence in this project we are using thyristor control DC variable drive for accurate speed control of DC Motor and provides high efficiency to the system.

3.Title : RS232 Data Communication Using Keypad.

Project Description: The main aim of the project is to implement hardware design for RS232 data communication through keypad. It is used to transfer the data from keypad to LCD/PC display through RS232 cable.

TECHNICAL SKILLS

- MS Office (Word, Excel and Power Point).
- OR-Cad, LT-Spice, Multisim, Basics Of Cadence.

PERSONAL DETAILS

- Father's Name : Thummala AnjiReddy
- Date of Birth : 20th October.
- Languages Known : English, Hindi and Telugu.
- Address: 3-5-24/57/1RN, H.B.Colony, Moula-Ali, Hyderabad, Telangana-500040.

DECLARATION

I hereby declare that all the information furnished above is correct to the best of my knowledge.

Place : Hyderabad.

(THUMMALA SRAVANTHI)