

CHAITALI ASHOK CHOUDHARY

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OBJECTIVE

To gain in-depth knowledge in the field of embedded systems to keep up with the advancements in this field and prepare myself to meet the demanding standards of this industry.

EDUCATION

1. Bachelor of Engineering: Electronics Engineering

Institute: Veermata Jijabai Technological Institute (VJTI), Mumbai University

Current Aggregate: 9.4 (On scale of 10)

Year	Semester	SPI On scale of 10	CPI On scale of 10
1 st (2011-2012)	I	9.56	9.6
	II	8.88	9.2
2 nd (2012-2013)	III	9.52	9.3
	IV	9.78	9.4
3 rd (2013-2014)	V	9.88	9.5
	VI	9.13	9.5
4 th (2014-2015)	VII	9.41	9.5
	VIII	9.31	9.4

2. Higher Secondary Certificate:

Institute: Birla College of Arts, Science & Commerce, Kalyan, Maharashtra State Board

Aggregate: 90%

Class: First Class with Distinction

3. Secondary School Certificate:

Institute: Oak High School, Kalyan, Maharashtra State Board

Aggregate: 93.84%

Class: First Class with Distinction

PROFESSIONAL EXPERIENCE

Name of Company: Godrej & Boyce Mfg. Co. Ltd.

Duration: 2 years (03-08-2016 to Till date)

Title: Assistant Manager - R&D, Godrej Appliances

Job Profile:

Refrigerators – Hardware and Software development (Logic, Electronic Cards & Wire Harness):

Development of various Refrigerator projects as below:

- Inverter Compressor Direct Cool Refrigerator- DC BLDC & TWIN BLDC series
- Inverter Compressor Frost free Refrigerator – SPIN BLDC & NXW BLDC series

- French Door refrigerator – ICON series
- Medical refrigerator

Job Responsibility:

- Electronic Product development with various design houses
- Market survey, Brainstorming for Features, Functional Proto Development
- Designing User-Interface Requirement Specification for H/W and S/W
- T0 sample development with design houses and stand-alone testing of control card
- Designing Wire Harness
- Prototype testing, Report Generation and Documentation
- Designing test methods and updating check-lists
- Reliability, EMC, HV, IR, LC, GB testing
- Support to Manufacturing and Service for field issues
- Support for failure mode analysis
- Value engineering/Cost optimization

PROJECTS

□ FINAL YEAR PROJECT

Title: Home Based Health Monitoring System(VJTI,2015)

Details: A system to measure and monitor vital health signs like heartbeat and temperature and send the results to the doctor/concerned person via a GSM module. This project was aimed to help people staying in remote areas and old people, by eliminating the need to travel to the clinic for a check up.

Role: Design of hardware as well as software , testing and debugging

□ ANY OTHER MINOR PROJECTS

Title: Digital IC Tester - Mini Project (VJTI, 2014)

Details: A system to test basic AND, OR, NAND, NOR, XOR ICs in floating condition using ATMEGA16.

Role: Electronic design and microcontroller programming.

Title: Talking Barcode Reader – Mini Project (VJTI, 2013)

Details: A MATLAB based barcode recognition system which reads the name, expiry date and other details of the products loudly for print disabled individuals.

Role: MATLAB programming

□ PROFESSIONAL PROJECTS

Title: Real Time Control of HVAC System

Company: BHABHA ATOMIC RESEARCH CENTRE, MUMBAI-400085

Duration: December 2013 – January 2014

Details: The project was aimed at automation of plant heat ventilation and air conditioner (HVAC) system control through real time clock using RTC DS12C887 & AT89C52.

Role: Assembled and programmed the microcontroller board according to system requirements.

Title: Online Internship

Company: INOVAS TECH, NEW DELHI

Duration: June 2013 – August 2013

Details: Developed a working prototype of software for handling a customer service in a hotel

Role: Basic Java programming

COMPUTER SKILLS

C, C++, Embedded C, MATLAB, KEIL, MPLAB IPE, Proteus, MultiSim, MS Office

CO-CURRICULAR ACTIVITIES

- Developed Solar boat for competition in technovanza - the National Level Technical fest of VJTI.
- WALL-E Workshop - Attended Workshop on making an Autonomous Line Follower Robot using ATMEGA 16.
- MOB-E Workshop - Attended Wireless Robotics Workshop named as MOE-E on making wireless controlled robot using RF module, Infrared module & GSM module.
- Summer training cum internship program - Undertook summer training cum internship program on Matlab Image Processing to build colour detecting robot & to make Quad Rotor.
- Currently, I am designing “SMART SUITCASE – THE FOLLOWER FRIEND” for GR Peach India Design Contest Organized by Renesas Electronics.

PERSONAL DETAILS

Name: Chaitali Ashok Choudhary

Date of Birth: 20/01/1994

Languages Known: English, Hindi, Marathi