Vinita Singh

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Summary

Looking for a challenging career which demands the best of my professional ability in terms of technical and analytical skills and helps me in broadening and enhancing my current skill and knowledge.

Skill Set

- Software Skills   : Core Java Programming, HTML, CSS, JavaScript
- Platforms   : Windows.
- Hardware Expertise   : Arduino Uno board

Technical Expertise

Digital Design, Telecommunication Communication, Control system ,Microprocessors, Microcontrollers & Interfacing, Embedded Systems, , VLSI Design, VLSI testing , Mobile Communication

Projects

- Title   **Obstacle Avoiding Robot**

   Abstract   : In today's world ROBOTICS is a fast growing and interesting field. Robot has sufficient intelligence to cover the maximum area of provided space. It has an infrared sensor which are used to sense the obstacles coming in between the path of robot. It can be useful for blind people as it has 2 IR sensors and sense object in right , left and front ,then changes its path accordingly.

- Title   **Automated patient monitoring and nursing system**

   Abstract   : In this project we aim to provide an aid to speech impaired or paralysed patients which will ease monitoring of their body vitals and will enable them to call upon the hospital staff or physicians based on their hand gesture/motion wherever needed. Patients will be able to send SMS alerts to family physician or initiate buzzers for hospital staff to attend the need and also monitor heartbeat, pulse and other vitals at regular intervals saving human resource, based on the patients hand gestures which will be processed using an accelerometer connected to the micro-controller(herein ATM ega 328)used. In this Pill remainder is also their which buzz at the time of pill to be taken and send the message if pill taken or not which avoids pill overdose as nowadays due to so much work people forget their pill timing and sometimes forget whether taken or not.

Title   **Footstep Power generation**

Abstract   Power generation through piezoelectric sensor which is through walking ,that can be future of the upcoming World .This can be use on roads , gyms etc to generate electricity without using nonrenewable resources which are now left with less quantity only.

Internship

I had done my Final year B.tech project Internship from **Cognizant Technology Solution** Ltd, Pune in Core java. My project name is **Sharing Economy Platform** and its objective is to create the traceability between the Business Objectives and the requirements acknowledged in the proposed solution and how they satisfy the specified objectives.

Summer Internship

I had done my 6 weeks Summer Internship from **Aditya Birla** Technical Training and Management Development Centre. My project was on **Instrumentation**.

Certifications

· Certification in Data Structure and Algorithms by NIIT.
· Certification of internship in Embedded Systems & Robotics with internet of Things conducted by EI Systems at Technex'17 (The Annual Techno-Management Fest, IIT (BHU) Varanasi).

Academic Profile

S. No.	Course	Institution	Board / University	Year of Completion	Marks secured (in % or CGPA)	Subject / Specialization
1	B.Tech	Jaypee Institute of Information Technology, Noida	Jaypee Institute of Information Technology	Pursing	8.0	Electronics & Communication Engineering
2	Class XII	The Aditya Birla Public School, Renusagar	CBSE	2014	89.2%	Mathematics, Physics, Chemistry, Physical Education and English
3	Class X	The Aditya Birla Public School, Renusagar	CBSE	2012	09.6	Mathematics, Science, Social Science, Hindi and English

Personal Strengths

· Hard working and good at team work.
· Rapid at learning things and easily adaptive person.
· Have good interpersonal and communication skills.
· Detailed oriented person and believe in planning and execution
· Good working knowledge of Microsoft Word, Excel, and PowerPoint.

Personal Information

· Date of Birth - June 05, 1996
· Hobbies – Love Cooking, Reading especially political news and Singing.
· Extra-Curricular Activities: Participated in various programme by Robotics hub

Declaration

I hereby confirm that the information furnished above is correct to the best of my knowledge.
Date : 05/07/2019
Place : Renusagar, Sonebhadra (U.P.)