MAYUR SHARMA
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Contact No.:- +918237519841, +919977145141.
Date of Birth: - 03/08/1988.
Passport No.:- H3736530.

CAREER OBJECTIVE:-

To resort my technical knowledge, skills and achievements for the elevation of my career development and accomplishment of my goals.

EDUCATIONAL QUALIFICATION:-

Course/ Class	University/ Board	College/ School	Year Of Passing	Stream/ Subject	Marks obtained	Total Marks	Percent (%)
Post Graduate Diploma	CDAC, Pune	ACTS, Pune	Feb-13 To Aug-13	Embedded System Design	471	700	67.29
Bachelor of Engineering	R.G.P.V, Bhopal	I.I.T.M, Gwalior	2010	Electronics and Communication	2178	3200	68.06
AISSCE (XII)	C.B.S.E.	St. Paul's, Gwalior	2006	SCIENCE (PCM)	379	500	75.80
AISSE (X)	C.B.S.E.	St. Paul's, Gwalior	2004	SCIENCE	351	500	70.20

KEY SKILLS:-

Languages known: - C, Embedded C, C++, Data Structure (GCC, Visual Studio, Turbo) Compilers.
Programming Concepts: - Embedded System Programming, Linux Programming, Assembly Programming, Socket Programming.
Hardware Concepts: - 8/16/32-Bit Microcontroller and Interfacing (AVR ATMEGA 128 and ARM 7 TDMI 2148 Microcontroller).

Hardware Platforms: - AVR Studio 4 and Keil micro Vision V4.00d.

Operating System: - Real-Time Operating Systems (RTOS), Linux, Unix, Microsoft Windows**.**

Additional Concepts: - Data Communications and Networking.

Other Proficiency: - Microsoft Office (Microsoft Word, Microsoft PowerPoint, Microsoft Excel).

<div align="center">ACADEMIC PROJECTS:-</div>

Post Graduate Diploma Project:-

Title: - CAN protocol implementation using SPI-CAN interface on LPC2148 (ARM7TDMI).

Platform: - Hardware Platforms (ARM, AVR, DSP etc).

Duration: - 1 Month.

Description: - The use of SPI-CAN module (MCP2515) to interface CAN bus with SPI module of LPC2148 operating in master mode. The MCP2515 (SPI-CAN module) as slave and LPC2148 (ARM7TDMI) as master, using this made two nodes and intercommunicated through the can bus. CAN Bus application layer coding was implemented in C on Keil micro Vision V4.00d. Checked the working in loopback mode and Normal mode. Send and received the message on both the nodes. Output was checked on hyper terminal data send through usart.

Major Project (8th Semester):-
Title: - INTERNET CONTROLLED WIRELESS ROBOT.
Platform: - Socket Programming.
Duration: - 6 Months.
Description: - Here a robot initially with basic functions is designed. This robot is then controlled from some human environment. The model has 2 ends: the server end and the client end. Server end is the computer which is wirelessly connected to our robot. Client end is again a computer with robot controls. This is the end from where the robot is controlled.
Here we have used AT89C2051 Micro controller and the client computer and server computer are connected via internet taking the services of Visual Basic 6.

Minor Project (6th Semester):-
Title: - LAMP HANDBALL GAME.
Platform: - Electronic Circuit Design.
Duration:- 6 Months
Description:- We have constructed an electronic game of handball, using a single light to simulate the moving ball. It is an application of bidirectional shift register with parallel loads. It also shows the operation of the asynchronous inputs of flip flops. Here we have used two four bit bidirectional shift register with parallel loads ICs: 74194, a dual D flip flop 7474 IC, and three gate ICs: 7400, 7404, and 7408.

<div align="center">INDUSTRIAL TRAINING & TECHNICAL CERTIFICATION:-</div>

Defence Research and Development Establishment (DRDE), Gwalior, in Electronics Circuit Simulation and PCB Fabrication.

Organization name: - Sensor Development Division, Defence Research and Development Establishment (DRDE), Gwalior, Madhya Pradesh.

Under: - Er. Sushil Batham, Scientist 'B'.

Duration: - 01 – 31 July, 2009.

EXTRA CURRICULAR ACTIVITIES:-

- Paper presentation at National student   *held:* ITM-Gwalior, 2009
  Convention Level under IETE

- 1st prize for Eureka   *held*: LNCT-Bhopal, 2009
- 2nd prize for Postulates   *held*: LNCT-Bhopal, 2009
- 2nd prize for Darpan   *held*: LNCT-Bhopal, 2008
- Participated in K-wizz (G.K Quiz)   *held:* MITS-Gwalior, 2008
- Participated in Insomania   *held:* MITS-Gwalior, 2008
- Active Member of The Institution of Electronics and Telecommunication Engineers (IETE).
- Prize winner of several paper presentations, other academics activities in various events.
- Coordinated in various college events and volunteer in college cultural fest.

PROFESSIONAL SKILLS:-

- Affinity towards my work.
- Interested in taking initiatives.
- Handling situations calmly.
- Ability to think and react positively in adverse situations.
- Good communication skills.
- Good presentation skills.

HOBBIES:-

Playing Chess.

DECLARATION:-

I hereby declare that the information given above is true to the best of my Information knowledge belief.

Date:-
Place:-
Signature:-
Mayur Sharma