SHABBIR PATEL

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Personal Information:	
Name	Shabbir Patel
Gender	Male
Date of Birth	02-12-1994
Languages Known	English, Hindi, Marathi.
Marital Status	Single

Current Profile

Company Name	Designation
Direction Software Solution, Lower Parel, Mumbai.	Software developer in **C++.**
Self-dedicated Electronic Device designer and PCB Developer. Research and Development.	**Designer** and **Developer.**

Work Experience

2.5 years' experience in Desktop Application development and management in Borland-5 C++ builder and Embercadero-32/64 bit C++ Seattle 10 builder.

POC work on **Mobile application** development using Ionic-Angular-Js Html, CSS, Java-Script and Java.

Good experience in **Automation Designing** and **Power Electronic Designing** and **Digital Device designing.**

Excellent Skills in PCB designing with Diptrace and Eagle-CAD and PCB Board designing. Several Minimized PCB designed with good Reviews from Professional Designer Clients.

Projects Undertaken.

- Home Automation using RF/IR Communication.
- SMPS Designing.
- GPS based Car Tracking and data logging system.
- Smart Drone.
- CCTV surveillance and Camera technology at RC level.

QUALIFICATIONS

Pursued B.E. in Electronics Engineering from M.H. Saboo Siddik College of Engineering, Maharashtra, India and a 2016 Pass out.

Objective

- To pursue a challenging career in the field of Electronic designing and software designing.
- To study new technologies in the field of VLSI and Software development.
- To utilize my skills in electronics design to develop new products in the market.
- To make best use of VLSI technology and benefit our nation in the field of IC technology.
- To Design and Develop new trends in Field of RC drones and UAVS.

Academic Credentials

QUALIFICATION	NAME OF THE SCHOOL/COLLEGE	MONTH & YEAR OF PASSING	MARKS OBTAINED	TOTAL MARKS
SSC (MAHARASHTRA STATE BOARD)	St. Joseph's High School, Wadala	March 2010	469	550
HSC (MAHARASHTRA STATE BOARD)	G. N. Khalsa College of Science and Arts	February 2012	427	600
ENGINEERING SEMESTER	**ISTITUTE**	**Year of Passing**	**SGPI**	
B.E. SEM I	M.H.SABOO SIDDIK COLLEGE OF ENGINEERING BYCULLA MUMBAI	December 2012	6.04	
B.E. SEM II		May 2013	6.19	
B.E. SEM III		December 2013	5.23	
B.E. SEM IV		December 2014	5.43	
B.E. SEM V		December 2014	7.54	
B.E. SEM VI		May 2015	6.59	
B.E. SEM VII		December 2015	7.63	
B.E. SEM VIII		May 2016	8.33	
CGPI: 6.62 aggregate.		**59.00%**		

CO CURRICULAR ACTIVITIES

- Won **second** place in Chess and trophy at above 12 level chess tournament at the **Junior Cuts Activity Club**.
- Participated in Chess tournament held at **Mulund tournament**.
- Participated in workshop and seminar on **Level –I and Level- III Robotics** conducted by **IEEE Committee M.H.S.S.C.O.E**
- Participated in **ABU ROBOCON 2015** with the theme of **ROBOMINTON** representing **M.H.SabooSiddik College of Engineering Byculla at National Level.**
- Participated in **ABU ROBOCON 2016** with the theme of **CHAI-YO** representing **M.H.SabooSiddik College of Engineering Byculla at National Level.**
- Participated in **TEXAS INNOVATION CHALLENGE 2015** held by **TEXAS INSTRUMENTS.**
- Participated in **National Level Mini project Competition** Conducted by **ISA** held at **Rajiv Gandhi institute of technology**.
- Attended workshop on **Aircraft structure and Aerodynamics** by **Team Aerosouls**.
- Conducted a Work Shop on **Atmega328 and Introduction to Arduino** Microcontroller under **IEEE at M.H.Saboo Siddik College of Engineering.**

Personal Hobbies

Discrete Electronic Circuits, PCB, Chess, Cricket, Wrestling Fan.

Technical Skills	
Programming Languages	Work Knowledge of C, C++, Arduino, Energia for TI, Java.
Microcontroller	Good knowledge of ATmega 8/328/648 chips & Arduino - UNO, Pro-mini, Nano, Genuino Boards. Fair knowledge on 8051 Micro-Controller.
PCB Designing	Fair knowledge of PCB Designing through DIPTrace, Design Spark, EAGLE-CAD.
Hardware Skills	PCB, GPB Board soldering. Circuit Designing (Analog/Digital).

Projects	
ROBOWARS – 60kg Combat Robot.	**Combat Robotics (National Level Robotics Competitions)** • The objective is to build a 60kg (Heaviest Category Allowed in Indian Competitions) Combat Robot. • The Competition is basically a fight between two opponents. • Teams design & build their Bots differing in offensive & defensive strategies. • The winner is chosen on the basis of either points or direct knockout by immobilization of the opponent.
ROBOCON'14	**A.B.U. ROBOCON'14 (International Robotics Competition)** • The objective was to design Manually Operated & Automatic Robots. • The problem statement changes every year according to which the Bots are designed. • The National Level Qualifiers are held every year in Balewadi Stadium, Pune. • **This is by far the grandest Robotics Competition in India Sponsored & Broadcasted by DD NATIONAL.**
ROBOCON'15 (Position secured 35/105 from all over India)	**A.B.U. ROBOCON'15 (International Robotics Competition)** • The objective was to design two bot able to play badminton. One being equipped with service mechanism. • The problem statement changes every year according to which the Bots are designed. • The National Level Qualifiers are held every year in Balewadi Stadium, Pune. • **This is by far the grandest Robotics Competition in India Sponsored & Broadcasted by DD NATIONAL.**
ROBOCON'16 (position secured 21/110 from all over India)	**A.B.U. ROBOCON'16 (International Robotics Competition)** • The objective was to design two bot able with one ECO-BOT to not use any battery source but be driven by Eco Friendly Energy sources (AIR, LIGHT, MAGNETISM etc) which is generated with the other Robot HYBRID-BOT the one being equipped with service mechanism. • The problem statement changes every year according to which the Bots are designed. • The National Level Qualifiers are held every year in Balewadi Stadium, Pune. • **This is by far the grandest Robotics Competition in India Sponsored & Broadcasted by DD NATIONAL.**

Texas Innovation challenge 2015	**Innovation and Prototyping Competition** • Texas instruments conducted an innovation challenge competition. • The project we undertook was '**Patient movement detector using accelerometer.'** • This event aimed at designing analog design using analog TI ICs.
INTERNSHIP	**Active Battery Management System For Electric Cars** • The objective is to make the circuit for charging the Li-ion battery pack with active balancing

Declaration

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

Place: Mumbai
Date: 02th January 2019 **(Shabbir Patel)**