



Arjun Sharma
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EDUCATION:

Qualification/Degree	School/College	University/Board	Year	CGPA / %age
BE CSE	Chitkara University of Engg. & Tech., Baddi	Chitkara University	2015-2019	9.56
Class XII	Govt. model Sr. Sec. School, Sec-16, Chandigarh	C.B.S.E.	2014-2015	87.8%
Class X	DAV Public Sr. Sec. School, Parwanoo	C.B.S.E.	2012-2013	9.80

PROJECTS:

- **Project: Job-Portal**

In this, I have learnt how to create a dynamic platform for collaborating job-seekers as well as job-providers. I've used mongo dB as the main technique in order to retain a dynamic database of all the registered companies on the portal as well as various kinds of users. This project involves dealing with range of users such as students, teachers and graduated students etc.
Technology used : -Mongo DB, JavaScript, NodeJS.

- **Project : Online Shopping Platform using JavaScript**

In today's world, online shopping is an admiring business. In order to implement it on a personal level, I've used JavaScript to build a familiar interface for users visiting this platform. In order to recognise users on this panel, I've used JSON functions. Also, being the administrator i could use the facility to visualise total users registered on this panel, number of orders placed and what are the current status of those orders.
Technology used : - JavaScript, NodeJS.

- **Project : User-friendly interface to play multiple games**

In this project, the user has to choose one of the multiple games that are provided on interface using HTML5 and JavaScript. Further, He may also see range of games such that some are build on Unity software, Android and some are built using C++. C++ game such as Snake Game, Tic-Tac-Toe. Android game is a familiar game such as "The Ball" and finally, The tank game in Unity software.
Technology used : - C++,HTML.

- **Patent Filed: Glove for gripping/holding metallic objects**

During first year, I've filed a patent which resembles to prototyping of an electromagnetic glove using recent researches. It is like using a breakthrough polymer, I've used it to produce electromagnetism of higher orders, also the electromagnetic glove build with this polymer is light-weight as compare to the conventional electromagnetic gloves. This glove could be used in large scale in chemical industries for metallurgy

purposes and on a small scale, it is efficient for old-age people to bring objects to them instead of trailing to them.

- **Patent Filed: Laptop Security Device**

In the second year, I've filed a patent which is a utility setup to secure laptop from someone else opening it. Many times, this has been seen that intruders basically need to get to your laptop. So, to prevent this intrusion I've used smart sensors fixed at both ends of laptop and Arduino module to track the position of laptop's screen. If someone opened it, then signal is transmitted to receiver fixed at owner's phone.

ACHIEVEMENTS:

Cultural & Intellectual

- Geeks For Geeks Campus Ambassador, Chitkara University 2018-present.
- Vice-President of Govt. Club, IETE, Chitkara University in 2017-18.
- Recognized as member of Discipline Committee during Algorythm 2016 in Chitkara University, H.P.
- Recognized as the second prize holder in Start Up Day event in Chitkara University, H.P. on 21st October, 2016 with Rs. 30,000 and space in incubator in I.T. park, Chandigarh.
- Recognized as Awarded with certificate of inventorship for glove for gripping/holding metallic objects on 5th Sep, 2016

PROFESSIONAL SKILLS :

- ☐ Languages: C, C++, HTML, JavaScript, Core JAVA(Basic), Spring MVC, Node js.
- ☐ **Software:** Multisim, Visual Paradigm, Cisco Packet Tracer.
- ☐ **DBMS:** MySQL.
- ☐ **Online Course:** Linux course from edx.

CO-CURRICULAR ACTIVITIES :

- Participated in Technocross organized by Maths Pirates in Chitkara University in 2016.
- Participated in Auto-culture competition at Chitkara University in 2016.
- Participated in contest "Protect your innovative idea by filing a patent" in Chitkara University in 2017.
- Certified for being an active member of Discipline Committee for maintaining decorum in Algorythm 2016.
- Member of IETE at Chitkara University in 2016-18.

(ARJUN SHARMA)