

# SHUBHAM

Software Developer | Calisthenics Enthusiast

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## EDUCATION

### Computer Science Engineering

Punjab Technical University  
08/2017 – 05/2021

7.34 CGPA

### 12th Boards CBSE

PKR Jain Sr Sec Public School  
07/2016 – 05/2017

73.4%

### 10th Boards CBSE

PKR Jain Sr Sec Public School  
08/2014 – 05/2015

8.6 CGPA

## PROJECTS

### DSHARE APPLICATION

- This is a model which transfer as well as stores data over internet for future retrieval. It makes use of Java, JavaFX, CSS and Socket Programming. All the messages are also secured by AES encryption.

### CHEMIDOC CARTING SUBSYSTEM

- This is a fun project thought and made during the World IOT Hackathon leading its way through the Patent Office(PIE629). It uses Machine Learning and Basic Algorithms to create an all-in-one method to have common laboratory tests at home as well as a device that acts as a remote dispenser that also serves the purpose of a pickup point for the orders placed on-line.

### NEVER LOOSE

- Mobile app similar to find my phone application by google. It can give you the current location and the power to lock the applications remotely. This is an android application with Java as the driving language.

### SUDOKU SOLVER AND GENERATOR

- This is a GUI application (game) which gives random sudoku problems to the player and can check it side by side. It also has an option to solve it according to the numbers entered by the user.

## SKILLS

Java

JavaFX

MySQL

Swing

C++

Algorithms

Data Structures

Android

Firebase

Oracle

## ACHIEVEMENTS

### PATENTS

2 Patents filed within the academic year of 2020-2021 under the guidance of [Dr.Gagandeep Jindal](#).

### World IOT Hackathon

Finalist in the World IOT Hackathon organized by IEEE and GeeksUP. Judged by representatives from Google.

### Member of Event Organizing Committee

Coordinated in National Level Techno Cultural Fest PARIVARTAN for THREE years straight. Organized few more events like The Great Indian Book Tour, Army Day 2k19, Smart India Hackathon at college level.

### Class Representative

Been the CR of a batch of 143 students for 4 years.

### ELITE Batch

Member of ELITE Batch of CSE Department with 99 national percentile in Quant, Logical and Computer Programming ([AMCAT SCORES](#)).

## CERTIFICATIONS

### Industrial Training at CDAC Mohali- JAVA

Learned and implemented functions of Core Java During the Six Weeks Summer Intern at CDAC Mohali during the Session Break after second year.

### Spoken Tutorial(IIT Bombay)- Java ,C++

Passed the online exam, conducted remotely by IIT Bombay funded by Govt. of India.

### Coding Blocks- Algorithms

Took a deep dive into algorithms and Data Structures by 300+ hours of course offered by Coding Blocks.

### Udemy- Java & Android

Helped to get hold of the practical implementation of android programming.