

**Shivam Singh**  
**Computer Science and Engineering**  
**Jaypee Institute of Information Technology, Noida**

**UG Third Year**  
**Male**

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**Phone-9718496646**

**Independent Security Researcher**

Examination	University	Institute	Year	CPI / %
Graduation	JIIT Noida	Jaypee Institute of Technology	2017	6.00
Intermediate/+2	CBSE	Bharatiya Vidya Bhavan School, Satna	2013	94.6
Matriculation	CBSE	Bharatiya Vidya Bhavan School, Satna	2011	10.0

KeyScholastic      • Pursuing a Major in Computer Science and Engineering

Achievements      • Awarded CBSE Certificate of Merit in Physics for being among the top 0.1% in India CBSE-2013

**Acknowledged by Directi(codechef 2times), Foursquare and many more**

Academic      Voice Assistant      Ongoing

Projects      • Developing a virtual voice assistant to automate processes of mobile(Android)

### Railway Help Desk

- A C++ project implementing various graph algorithms like(Lowest Common Ancestor using euler tour, segment tree, DFS, BFS, Dijkstras) to help a user while booking online ticket. Implemented autocomplete feature using trie datastructure with the help of pointers

### ApnaGhar

- A WebApp(Python-Flask Framework) which enables users to compare property rates, contact and chat with owner of property and filter the properties by location, luxury and price

### Table Golf

- A game made using graphics library of C language similar to a pool game having 4-levels of varying difficulty

### Event Manager

- An application developed using datastructures in C allows users to select events happening in college events without clashing of timings using greedy algorithm

### GoEasy

- A Web App(HTML/CSS, Javascript, Php, Mysql) similar to online cab service which allows users to select pickup and destination, finally calculate fair

Programming      -Solved more than 200 algorithmic problems on various online judge(spoj, hackerrank, codeforces, codechef)  
Participated in various onsite competitions  
-Top 10 in plinth annual programming competition of LNMIIT, Jaipur  
-Top 20 in Execute programming competition of Jaypee Noida

## Skills

- Java,C/C++,Python,SQL,HTML/CSS,Javascript,Flask
- Linux,Kali Linux,BurpSuite,Windows
- Reported Vulnerabilities in many websites
- Reported a critical vulnerability in codechef.com rewarded 1000 laddus(rewarding system of codechef) as a appreciation