# Nitesh **Singh**

SOFTWARE ENGINEER · HSBC GLOBAL TECHNOLOGY (SOFTWARE DEVELOPMENT) , INDIA

*Result-oriented Software Engineer comfortable switching between architecture, design and implementation. Have hand on experience of working with **BackEnd Development** (Java,Spring etc) ,**Data Analytics** (Hadoop,Hive,Tensor Flow) ,**Cloud Computing** (Azure,Google Cloud) and **Android** Application development*

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*"Make the change that you want to see in the world."*

## Skills

**Programming Languages**  Java,C,C++,Python

**Frontend Technologies**  JavaScript,Dojo,HTML/CSS,jQuery,Ajax

**Backend Technologies and Frameworks**  PHP,Spring,Hibernate,Spring Boot,Maven

**Data Analytics and Big Data**  Hadoop,Hive,R,Hive,Mahout,Tensor Flow,Google Cloud Platform Tools,Amazon Web Services,Azure

## Education

**B.E. in Computer Science and Engineering**                                    *CGPA - 8.36*

THAPAR UNIVERSITY,PATIALA                                                   *July. 2012 - July 2016*

**Class 12th(CBSE),Subjects: PCM+Computers**                               *Percentage:91.6%*

DELHI PUBLIC SCHOOL,NOIDA                                                           *2011*

**Class 10th(CBSE)**                                                        *Percentage:87%*

DELHI PUBLIC SCHOOL,NOIDA                                                           *2011*

## Experience

**Hsbc software development India**                                          *Pune,India*

SOFTWARE ENGINEER(CLOUD AND BIG DATA ANALYSIS)                              *July. 2016 - Present*

- Was Topper in the 3 months Training Program(Android,Data Analytics,Cloud Computing ,IT Security,Agile ) at Infosys Mysore.
- Worked on Java,Spring,Dojo for internal Employee Management Software
- Member of the innovation Lap b Working on various POC like chat bots,Document Classification using Tensor Flow and machine Learning
- Part of Google Cloud Platform working on various cloud tools for the Company's Data Analytics projects.
- Part of the Blockchain team working on migrating projects to blockchain like ProxyVoting.

**Proptiger(Makaan,Housing)**                                               *Gurgaon*

INTERN TECHNOLOGY                                                          *Jan. 2016 - Jul. 2016*

- Worked with the Backend API team developing API that are used by makaan.com using Java,Spring and Hibernate. Also worked on various Like POC for Automation of Listing POC for SMS analysis(NLP) and Notification Management System
- Gave Talk about SMS Analysis in the internal Tech Talk event for company employees

**Undergraduate Projects,Thapar University**                                *Patiala,Punjab*

WORKED ON VARIOUS PROJECTS DURING COLLEGE                                  *July. 2012 - July. 2016*

- Automatic Hostel Allotment,Used by the college during counseling,(Awarded Departmental Best Project,Awarded Scholarship and **Best Project 2015** by Ch. Bhagwan Singh Nasa Parvati Nasa Charitable Trust)(PHP,Ajax,Javascript)
- Classification of Tweets (Naïve bayes Algorithm on Mahout in Hadoop)
- **Assignment Submission Portal**,Hosted in the internal server and used by teacher for checking assignments(PHP,Ajax,Javascript)
- **Hostel Room Booking**,used by students in Hostel for booking rooms every semester (PHP,Ajax ,Javascript)
- Twitter Sentiment Analysis **Research Paper**(Top 5 Projects of college)

# Certifications

**Big Data**                                                                    *HP Education Services,Noida*
Marks:100/100 Grade: A+                                                          *Aug. 2014*

**Programming, Data Structures and Algorithms**                                  *IIT Madras (NPTEL, ONLINE)*
Marks 77.5/100                                                                   *July. 2014*

**Core Java**                                                                    *Ducat,Noida*
Grade A                                                                          *July. 2011*

**Database Design and Programming**                                              *Oracle Academy (ONLINE)*
                                                                                 *July. 2011*

# Honors & Awards

## College

| | | |
|---|---|---|
| 2015 | **3rd Place,** | Wiz-IQ project Submission.(Project Submited:CyberPirates) |
| 2013 | **3rd Place,** | The Hackth0n (Ethical hacking event) held under Linux User Group |
| 2015 | **1st Place,** | Acumen 2k15 OPC on Codechef |
| 2014-2016 | **Campus Ambassador,** | Hacker Earth and Hacker Rank ,College Representative at Codechef |
| 2015-2016 | **Founding Head ,** | Thapar Codechef Chapter |
| 2014-2016 | **Part of (as),** | Creative Computing Society (**Technical Head**) , Computer Society of India (**Vice-President**),Microsoft Student Chapter(**Publicity Head**) |

## School

| | | | |
|---|---|---|---|
| 2010 | **1st Place,** | Programming,Code wars(Dps Vasant Kunj Tech fest) | |
| 2010 | **2nd Place,** | Programming,Core 10(Dps Dwarka Tech Fest) | *Seoul, S.Korea* |
| 2010 | **3rd Place,** | Programming ,Access 2009 (Modern School,Barakhamba) | |
| 2010-11 | **Head of Programming,** | Espice,Delhi Public School Noida | |

# Extracurricular

**Session on Starting with Hadoop and Hive**
Took a Session on "Introduction to Hadoop and Hive" for B.Tech and M.tech Students. - Covered basic aspects of Hadoop and Hive during the session.                                                *2015*

**Teaching Assistant for Cloud Computing**
Helped in teaching the class about Hadoop,map reduce and hive.Gave hands on sessions and lectures.      *2015*

**Programming Events and fests**
Organized Various College Programming Events(Clash of Coders , Mindsweepers , Switch Code,Knockout Coding,Bid to Code etc.) on Codechef,Hackerrank, Organized and managed Cyber Pirates (website, database,questions etc.)                                                         *2013-2016*