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,Hibernate) ,**Data Analytics** (Hadoop,Hive,Tensor Flow) ,**Cloud Computing** (Azure,Google Cloud,AWS), **BlockChain** (Ethereum,Corda,Hyperledger Fabric) and **Machine Learning** ()*

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

Skills

Programming Languages, Java,kotlin,C,C++,Python,Go
Frontend Technologies, JavaScript,Dojo,HTML/CSS,jQuery,Ajax,Angular
Backend Technologies and Frameworks, PHP,Spring,Hibernate,Spring Boot,Maven
Data Analytics and Big Data, Hadoop,Hive,Mahout,Tensor Flow,GCP,AWS,Azure
Distrubuted Ledger(blockchain), Corda,Ethereum,Hyperledger Fabric

Education

B.E. in Computer Science and Engineering   *CGPA - 8.36*
Thapar University,Patiala   *2016*

Class 12th(CBSE),Subjects: PCM+Computers   *Percentage:91.6%*
Delhi Public School,Noida   *2011*

Class 10th(CBSE)   *Percentage:87%*
Delhi Public School,Noida   *2009*

Experience

Hsbc software development India   *Pune,India*
Software Engineer(Cloud and Big Data Analysis)   *July. 2016 - Present*
- Worked on Java,Spring,Dojo for internal Employee Management Software
- Member of the Innovation Lab Working on various POC including chat bots,Document Classification using Tensor Flow and machine Learning,Applications using Rest Api (Spring)
- Was Part of Google Cloud Platform working on various cloud tools for the Company's Data Analytics projects.
- Currently Part of the Blockchain team working on multiple projects on blockchain like ProxyVoting,Digital Vault,Custody Books using **solodity for ethereum** , **kotlin for corda** and **GO for fabric**.Working on putting Digital vault in corda in production.
- Also Working of AI projects **RFP**,Making Documents into searchable Q and A
- **Automated Minutes of meeting**
- Projects: **GMIS** (Role:Developer for dojo and Spring,Team : 6),**GCP** (Role:Lead Developer, Team : 2),**Proxy Voting** (Role :Developer for solodity and ReactJS,Team :2),**Client Mangement**(Role :Lead Developer for Corda,Team :2),**Corporate Action**(Role :Lead Developer for Corda and Fabric),Digital Vault(Role:Developer for Corda,Architecture design)

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)
- Worked on Document classification model using Hadoop

Certifications

Certified Corda Developer   *R3*
Badge Number : 477 URL : http://j.mp/niteshcorda   *Dec. 2018*

Complete In & Out Of Ethereum Blockchain, Solidity & Truffle   *Udemy*
License UC-GROUARSD   *Oct. 2017*

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

HSBC

2018	**1st Place**,	HSBC India National Hacakthon (CodeGrind)
2017	**2nd Place**,	HSBC Innovation Hackathon
2017	**2nd Place**,	HSBC Blockchain and ML Hackathon
2017	**1st Place**,	HSBC Cloud ,DataAnalytics and Mobile Traning

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

School

2010	**1st Place**,	Programming,Code wars(Dps Vasant Kunj Tech fest)
2010	**2nd Place**,	Programming,Core 10(Dps Dwarka Tech Fest)
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   *2013-2016*
Pirates (website, database,questions etc.)