

NITESH SINGH

Blockchain Lead and Data Science Enthusiast @ HSBC

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SUMMARY

"Keeping up with my passion for technology and innovation by developing Blockchain,Digital Assets and Machine Learning solutions to real business use cases. 4+ years of Extensive experience in designing and developing solutions using Cloud(GCP,AWS) and technologies like Tokenisation,Corda, HyperLedger,Fabric, Ethereum, Web Apps, API Infrastructure using Python, Java and Kotlin.Excellent Communication and networking skills
My e-resume link : <https://nitrek.github.io/aboutme/>"

EXPERIENCE

Consultant Specialist (Tech Lead ,Blockchain and AI)

HSBC

 July 2016 – Present  Pune,India

- Tech Lead of Blockchain team(DLT COE) worked on 6+ Global Blockchain Projects including Digital Vault using Corda,Ethereum and Hyperledger Fabric
- Responsible for Architecture Design and Lead Developer for the Digital assets & DLT team comprising of 8 members
- Currently Working **Digital Vault** (First in house blockchain project.Won 2 Industry Awards,Featured in Forbes top 50 blockchain project). Also working with **Singapore Stock Exchange** on Tokenisation of Bond using blockchai
- Developed multiple quick poc solution as part of Hackathons , winning many of them eg **Mex** (Automated Meeting Assistant for summarizing Meetings and more),Virtual Watercooler (Employee wellbeing app) etc
- Part of the Innovation Team Working on various POC including **Chatbots** , **ABCIPL** (Blockchain and AI Based Platform for IPL),**Joinme** (Role : Development and Design , Global Platform,launched by group CEO UK)
- Previous Projects: **GMIS**(Role:Developer for dojo and Spring,Team : 6),**GCP** (Role:Lead Developer, Team : 2),**Proxy Voting**(Role :Developer for solidity and ReactJS,Team :2)(Won Multiple Industry Awards for innovation)
- **FundsNow**(Role :Lead Developer for Corda,Team :2),**Corporate Actionn**(Role :Lead Developer for Corda and Fabric),**RFP**(AI based Smart Question Answer based Document Search Role:Lead Developer,Team:1)

Corda Gradle Spring Boot Google Cloud DevOps Github KotlinJava
ML-AI Python Anaconda Micro-service Hyperledger Fabric Ethereum(ERC20)

Technology Intern

Proptiger(Makaan,Housing)

 Jan 2016 – July 2016  Gurgaon,India

- Worked with the Backend API team developing API that are used by makaan using Java,Spring and Hibernate, also worked on **Automation of Listing** POC for SMS analysis(NLP and AI) and **Notification Management System**











Undergraduate Projects,Thapar University

Thapar University

 2012 – 2016  Patiala,India

- Automatic Hostel Allotment,Used by the college during counseling,(Awarded Scholarship and Best Project 2015 by Ch. Bhagwan Singh Nasa ,Parvati Nasa Charitable Trust)(PHP,Ajax,JavaScript) **Classification & sentiment of Tweets** Research Paper(Naïve bayes Algorithm on Mahout in Hadoop,Top 5 Projects of college), **Assignment Submission Portal,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 Enterprise Engineer**
HSBC,July 2020
<https://j.mp/certifieddeep>
-  **Certified Data Science Professional**
IBM,May 2020
<https://j.mp/niteshdatascience>
-  **Professional Cloud Architect**
Google Dec 2019
<https://j.mp/gcparchniteshlink>
-  **Certified Corda Developer**
Badge:477 R3 , Dec 2018
<https://j.mp/niteshcorda>
-  **Complete In and Out Of Ethereum Blockchain Solidity and Truffle**
Udemy Oct. 2017
<https://j.mp/niteshethereum>
-  **Big Data**
HP,Aug. 2014 Marks:100/100
<https://j.mp/niteshbigdata>
-  **Programming, Data Structures and Algorithms**
IIT Madras (NPTEL), July 2014
<https://j.mp/niteshnpTEL>
-  **Core Java**
Ducat,Noida July 2011
<https://j.mp/niteshjava>
-  **Database Design and Programming**
Oracle Academy Aug 2008
<https://j.mp/niteshoracle>
-  **30+ Coursera Specialisation on Coursera,Linkedin learning**

STRENGTHS

Blockchain & DLT Corda Fabric
Ethereum Java & Kotlin Python
Spring Google Cloud Data Science
Solution Architecture Networking
Financial Domain Leadership Agile
Curious Jenkins & Nexus Github

EDUCATION

B.E. in Computer Science

Thapar University

 2012-2016  CGPA:8.36

Class 10th and 12th(CBSE,PCM+Computers)

DPS,Noida

 2009,2011  12th :91.6% 10th:87%

HONORS & AWARDS

2020	Pat on Back Certified Enterprise Engineer Pioneer of the Quarter (Organization Wide) Circle of Excellence (Outstanding Team Performance)
2019	Enterprise Engineer (Organization Wide) 1st Star Performer (Q3) 1st Pune - Paris Hackathon 1st Star Performer (Q2)
2018	Brightest New Star (Organization Wide) 1st HSBC India National Hackathon (CodeGrind)
2017	2nd HSBC Innovation Hackathon 2nd HSBC Blockchain and ML Hackathon 1st HSBC Cloud,Data Analytics Training Program
2015	Founding Head,Thapar CodeChef Chapter 3rd Wiz-IQ project Submission.(Project Submitted : CyberPirates) 1st Acumen 2k15 OPC on Codechef
2014	Campus Ambassador,Hacker Earth ,Hacker Rank & Codechef
2013	3rd The HackthOn (Ethical hacking event)
2011	Head of Programming
2010	Head of Programming 1st Programming,Code wars(Dps Vasant Kunj Tech fest) 2nd Programming,Core 10(Dps Dwarka Tech Fest) 3rd Programming,Access 2009 (Modern School,Barakhamba)

RECOMMENDATIONS



Gaurav Aggarwal
Head of DLT & Tokenisation
| Senior Strategy Manager -
(MSS IT) at HSBC Markets &
Securities Services
June 30, 2020, Gaurav managed
Nitesh directly

Nitesh is a true star in our team. Depth of his technical knowledge, ability to resolve complex problems & helpful attitude makes him really remarkable and is definitely a big asset for any team.



Bharat Joshi
Freelance Consultant and
Corporate Trainer
March 3, 2020, Bharat managed
Nitesh directly

Having known Nitesh for more than 3 years now, I can say with conviction that his passion for technology is very well reflected in his work. He joined the HSBC Innovation lab, in the very early days and has worked on multiple projects using different technologies. He has also extensively worked on Blockchain, Machine Learning, to name a few. I would like to add that he is a people friendly individual, with a great technical skills. He is always ready to extend a helping hand to his fellow colleagues and juniors [See less](#)



Rohan Bhatore
Product Manager | Darden
MBA'21
August 22, 2017, Rohan was
senior to Nitesh but didn't
manage directly

Nitesh takes full ownership of the project he is working on and has excellent problem solving skills. This was evident when I had the chance to work with Nitesh during his internship at Proptiger. We built a text based real estate listing platform using Natural Language Processing. The project was highly complex but Nitesh was able to navigate the details and accomplish the desired result. [See less](#)

Click to view on <http://bit.ly/niteshrecommen>

PUBLICATIONS AND REFERENCES



Published Paper on Blockchain based
data-sharing Framework
<https://j.mp/niteshpaper1>



Why am i Unique?
<https://nitrek.github.io/>



HSBC Moves \$20 Billion From Paper
To Blockchain In One Of The Biggest
Financial Deployments
<https://j.mp/forbeshsbc>
<https://j.mp/reutershsbc>



HSBC has become the first financial
institution to move software firm R3's
blockchain platform Corda Enterprise
on to Google Cloud
<https://j.mp/dvr3gcp>



Blockchain 50 : Forbes
<https://j.mp/digitalvault-forbes>



HSBC partners with SGX and
Temasek to explore DLT for fixed in-
come
<https://j.mp/sgxhsbc>



HSBC, SGX and Temasek winner of
the 'Best Digital Collaboration in Sin-
gapore' for the first fully digitalised
bond issuance
<https://j.mp/hashaward1>



SGX, in collaboration with HSBC and
Temasek, completes pilot digital bond
for Olam Internation
<https://j.mp/hashdeal>



How blockchain could revolutionise
bonds
<https://j.mp/hsbchash>



The Banker:Transaction Banking
Awards 2020
<http://j.mp/dvbanker1>
<http://j.mp/dvbanker2>



Global Custodian:Innovation in Proxy
Voting Award
<https://j.mp/proxy-voting-award>

EXTRA-CURRICULAR

- Leading The Enterprise Engineers' Alumni India Chapter
- Actively Conducting Knowledge Sharing Session on Machine Learning, Cloud & Blockchain (600+ Learners so far)
- Teaching Assistant for Cloud Computing,BigData on "Introduction to Hadoop and Hive" for B.Tech and M.tech Students. Covered basic aspects of Hadoop,map reduce and Hive during the session,Gave hands-on sessions and lectures.
- Organized Various College Programming Events(Clash of Coders, Switch Code, Mindsweepers, Knockout Coding, Bid to Code etc.) on Codechef, Hackerrank, Organized and managed CyberPirates (CTF Event)(website, database,questions etc.)