



Nitesh Sood

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Course: MSc. (Hons.) Maths & B.E. (Hons.) Computer Science - BITS Pilani Goa, India

Technical Skills

- **Client Side technologies:**
 - React, React Native, Redux, JavaScript
- **Server Side frameworks:**
 - Java, Spring Framework, XML/JSON, Junit
 - REST APIs secured with JWT
 - Android/iOS Mobile application development with React Native
 - Android native Mobile application development
 - Maven, ANT, Jenkins
 - Unix Shell scripting and creating scheduled jobs on Unix/Linux.
- **Database:**
 - Oracle (11g, 12c), MySQL
- **Tools:**
 - Hands on with deploying and managing applications on AWS, Heroku
 - SCM - GitHub, Bitbucket, Perforce
 - IDE – IntelliJ, Android Studio, Eclipse, Oracle Jdeveloper
- **Certifications:**
 - Salesforce Platform Developer I – Target March 2020
 - Amazon Web Services Essentials Training - March 2016
- Proficient working with Agile methodology
- Good knowledge on HBase(NoSQL DB) as part of Infrastructure Engineering
- Experience with Ant, Maven, Jenkins integration to run Unit tests for builds
- Good analytical and debugging skills to find root cause of an issue

WORK EXPERIENCE/INTERNSHIPS

Khoros – Software Developer 2

Apr 2018–Present

- Create workflow on AWS for an event live streaming using AWS Elemental MediaLive, AWS Elemental MediaStore, AWS Elemental MediaConvert and Amazon CloudFront
- Created workflow for Events and Live Streaming on Community
- Enhancing the User experience while posting any content on Community
- Gather the requirements from Product Owner, designing and implementing various solutions
- Upgrade the TinyMCE Editor version including the new plugins available

Freelance – Full Stack Developer

Jun 2016 – Jan 2017

Front-end Mobile

- Developed a native Android mobile app complete with material design using React Native maintaining ES6 standards
- Designed modular and scalable architecture in RN
- Implemented caching in React Native using AsyncStorage for performance
- Prioritised user experience and design while developing mobile app

Back-end Web

- Developed Web application backend server code in Java using Spring Framework, Spring Security for JWT, Spring Data JPA and Spring MVC Rest
- Built an end-to-end REST services deployed on AWS

Oracle – Member of Technical Staff

Jul 2015 – Mar 2018

- Working on Human Workflow and Rules in Oracle SOA Suite 11g and 12c version
- Designing and implementing desirable features missing in current version of project
- Working on JDeveloper to create BPEL process featuring Human Workflow and Rules to debug the product and provide the solution as patch to customers

Salesforce.com, Hyderabad, India - Internship

Jul 2014 – Jun 2015

1) Single Click Deployment

- Automated deployment of HBase package to a N-node cluster
- Took ownership of the architecture and coded the workflow for deployment in Java on *master-slave* concept
- Created REST resources bound by Guice listener running on Jetty server
- Developed a plugin for Jenkins to take input from users who could then timely run their builds and have automatic mails of the result
- Removed the manual labour required to create plans and execute a sequence of commands needed for deployment
- Created resources to automatically download packages reducing the downtime of a cluster
- Reduced the time of deployment by half

2) Grimmreaper completion

- Destructive testing tool built on Chaos Monkey
- Understood HBase open source classes and added new classes to implement the required functionality
- Ran destructive Grimmreaper tests from end-to-end to check for the completion of the tool with namespaced logs on both server and the client
- Used by internal team to determine health of a cluster

3) Monitoring lengthy red builds on Jenkins

- Automatically send a customized email for builds failing for more than 24 hours
- Included the culprit, the changes made, time stamp of changes, duration of build failure in the email
- Easier for managers to monitor the current build health
- Majorly concentrating on builds running unit tests to maintain proper health

Google Chrome extension: [Gaana Media Controller](#)

May-2016

- Published a chrome extension, Gaana media controller, for easy access to control the media played on <http://gaana.com>
- Eliminates the need to switch to the tab serving gaana.com to control the music
- Quite useful for someone working on multiple tabs and listening to music simultaneously

Act to Rise for Innovation in Special Education (ARISE) – Android Application

Jun 2013 – Aug 2013

- Worked for ARISE NGO to develop an Android application to live stream remote audio files with user authentication based on *client-server architecture*
- Solved the challenge of listening to audio lectures for specially challenged students
- Implemented *Async Task* in application to fetch data from Database and audio files from server
- Used *PHP* for querying file details from the Database

- Project on development of Engineering learning material into videos
- Deployment of same onto laptops/tablets

POSITIONS OF RESPONSIBILITY

- **Co-ordinator**, Department of Mathematics, BITS Pilani –Goa (2011-2013)
Coordinated the activities organised by the Mathematics Department through the various fests
- **Event Heads**, Google Developers Group-Goa (2012-2013)

Organised hackathons, conferences and meetups for Google Developer Group, Goa

EDUCATIONAL QUALIFICATIONS

Year	Degree/Certificate	Institution	Marks Obtained
2015	MSc. Maths & B.E. Computer Science	BITS Pilani-Goa	8.44/10
2010	Class XII	CBSE	88%
2008	Class X	ICSE	88%

ACHIEVEMENTS

- **INSPIRE Scholar**, Scholarship provided by *Department of Science & Technology, Govt. of India*
- Among the top 10 in Networking and Ethical hacking Course by *NETTECH* in 2011
- Organised *NETTECH* Networking Workshop in BITS Pilani Goa in September 2012
- Active Participant of Events organised by **Google Developers Group-Goa**
- 1st Runner-up at Google Hackathon 2018 (Bangalore)
- 4th in 22 teams at Vista APAC Hackathon – Lithium Technologies

EXTRACURRICULAR ACTIVITIES

- In playing 11 of Salesforce.com Cricket team
- Active member of dance club at college
- Fitness freak