

Curriculum Vitae

Mr. Gurpreet Singh Sachdeva

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LanguagesKnown:English,Hindi,Punjabi

DOB:28thDec, 1990

CareerObjective:

Looking for a challenging role in software development/assurance while being flexible and innovative. Jack of all trades in SDLC from developing to deployment.

EducationalQualification:

Degree/Certificate	University/Board	CGPA/Percentage
B.E (CS)	BITS–Pilani Hyderabad Campus	7.83/10
HigherSecondarySchoolEducation	CBSE	83.8%
SecondarySchool Education	CBSE	89%

TechnicalSkills:

ProgrammingLanguages: Java ,Groovy,C#,Javascript,jQuery,AngularJS

Scripting Languages : Bash , Perl , Python

BuildSystems : Maven , Ant , Gradle

Databases: SQL Server, Oracle , RedShift , Infobright , MySQL,KDB

Operating Systems: :Linux , Windows

IDE: Eclipse, NetBeans

Markup Languages: : HTML, XML

Servers & Web Container :Nginx , Tomcat, Websphere, Jetty, IIS

Electives Completed :

Object Oriented Programming Using Java ,Software for Embedded Systems,Artificial Intelligence,Principles of Economics,Computer Graphics, Data Mining ,Distributed Database Systems

Experiences/Projects:

JP Morgan India Pvt Ltd [Mar 2019 till Present]

Tech Lead for Etrading Model Development and Governance : **Working on Visualization tools, library development and web services for real time electronic trading platform.**

Technologies Used : JAVA, Python , KDB, SQL databases and Spring

Barclays Pvt Ltd

Tech Lead for Etrading Platform Development : Working for development of cross asset platform using technologies JAVA, KDB Python, Services Frameworks.

From July 2018 to Feb 2019.

Amazon India

Working for Big Data team in Crawler Tech. Technologies used are various NoSQL databases , Python, Java ,Elastic Search , Machine Learning. Challenge is to index various tons of data and index it is out for useful data insights.

From Oct 2017 till May 23,2018.

Morgan Stanley(Strats & Modeling) Jan 2015-April 2017

Working as a Java developer consultant for converting existing Excel base reporting solutions to web based tools Technologies involved are Angularjs ,Groovy/Java/J2EE ,KDB/Q , SQL Databases& Python.

As a part of **Strats and Modeling** group , I am helping them with Analytics part of the risk positions and trying to remove inefficiencies from the system.

Risk calculations are done using a multithreaded calculation engine written using Java.

Developed RestAPIs to provide Risk Calculations to other consumers within the firm.

From Jan,2015 to till April 2017

Cleared Oracle Certified Professional Exam for Java8.

Birst India Pvt. Ltd

Working as a Java Developer in writing Restful web services.

Wrote a test framework Fujita using Groovy which checks for the health and integrity of system wide web services.

Developed sales dashboard using Groovy and Grails.

From 28th July,2014 to till 16nd January 2015.

MSCI /ISS, Mumbai

Worked as an Application Developer in MSCI/ ISS division for developing Proxy Voting Solutions using J2EE stack from 17th June 2013 to 25th July 2014.

Tasks Involved :

Developed a Dashboard for Proxy Voting which shows the current workload for a given client , It's developed using **Java, Oracle PL/SQL backend ,jQuery and Google Visualization API**.

Developing a **Restful API** using **JAX-RS (Java Specification)** for feeding data into an **Angular JS**app. I was involved in this part throughout the life cycle from requirements to end production deployment.

ISS Office Suite : Developed /Automated a meeting generation application from the external feeds using **Java,Struts and SQL Server**. This application was also moved from Websphere to Tomcat. Used Spring for handling transactions. Challenges involved were removing some Legacy EJBs and work through some legacy stuff without impacting the other modules. As this app was the critical backend for many other projects. Some part of this code involved **Hiberante** as an ORM which connects to an **Oracle** Database to make queries to various different packages..

PDF Report Generation(PublishBox) :

Developed an automatic process which generates Research Documents(pdf) and sends it to the common FTP location for Different clients. Various third party Java jars were involved and Unix cron jobs were setup for daily feeds.

Other tasks :

Added Unit tests to all the new written code using Junit Framework.

Wrote a framework using Groovy to clean up daily development overheads.

Internships:

Completed Internship in MSCl as an Application Developer(Jan 2013 to May 2013).

Tasks Involved :

Worked on the **Core Java Engine** for calculating different indices , which needs to be published daily to different client databases. Wrote an end to end complete API , the code was unit tested.This involved lot of **threading** and **JMS messaging Queues**.

Completed Internship in Digital Info.Solution (May 2012 to July 2012) in Software development unit.

Tasks Involved:

Wrote a **Spring MVC based web application using Java/Oracle back end** which helps various analysts in looking at Employee performance , profiles and the things they are currently working on. It adhocs to various HR activities involved in an organization.

Automated the build system of the organization using **Jenkins** and took first step towards **Continuous Integration**.

Wipro,Chennai(May2011 toJuly 2011)

- Worked in the development of **Information management system** for keeping records of schedule in Learning Centre @Wipro.

TermProjects:

- **Created a Client /Server Chatting interface using Socket Programming**
- **Added a system call to the OS Kernel(Linux)**
- Developed a **web portal** for **Wipro's Customer Service Management** in Association with learning Center on **PHP/MySQL** platform.
- Developed a **web portal** for registering students/employees on **PHP/MySQL** platform at Digital Info. Solution.
- Created a **Music Jukebox** using **Java Sound API** and Networking API.

Achievements:

- Got Selected in Main Merit List of IIT JEE 2009 (Exam given by around half million people in India)
- Course Topper of **Operation Research(650 students)** in Bits.
- Participated Successfully in Hitachi Code Marathon-2011 conducted all over India.
- Active Open source Coder and helpful in various open source portals.[Recognized in community]
- Got Promoted to Associate in MSCI based on exceptional technical performance and reviews.

Hobbies/Interest/Extra-Curricular Activities :

- Coding,Cricket,Listening Music
- Participated in coding competition of NIT-Warangal and **Codechefcooksoffs**.
- Participated in Technical &**Cultural events** of our campus fest , Pearl