



# Tapan Chandra

Senior Software Engineer

- +91 8884000465
- <http://www.tapanchandra.com>
- [tapanc.nallan@gmail.com](mailto:tapanc.nallan@gmail.com)
- <https://github.com/tapanchandra>
- <https://goo.gl/VQgP5G>
- <https://goo.gl/uznQBK>
- <https://goo.gl/DPauU1>

## Education

### Masters in Information Technology

IIT, Hyderabad  
2010-2012

### B.Tech in Computer Science

JNTU, Hyderabad  
2004-2008

### Highschool, Board of Intermediate Education

Sri Chaithanya, Hyderabad  
2001-2003

### Xth, CBSE

Atomic Energy Central School  
1999-2001

## Skills

### Languages

Core Java - 6,7,8,9	●	●	●	●	●
Python,Jython	●	●	●	●	●
Groovy	●	●	●	●	●
PHP	●	●	●	●	●
Javascript,ES2015	●	●	●	●	●
Scala	●	●	●	●	●
Kotlin	●	●	●	●	●

## Profile

I am a Senior Software Engineer with a cumulative experience of 7.5 years, who has worked on multiple platforms and languages mostly in the Enterprise software domain. I have a Masters degree in Information Technology and am currently working on an Enterprise Integration platform called the Intelligent Fulfillment Suite at JDA Software Group. I am looking to use my technical knowledge and skills to further my career towards more exciting and rewarding challenges.

## Professional Summary

- 6 years of experience in design and development of a number of projects using Java based platforms and frameworks. I am proficient in Core Java as well as other J2EE technologies such as JMS, DI (Spring, Blueprint), Webservices using CXF, Apache Camel, JAXB, XSLT Transformations, OSGI (Using Karaf, JBoss Fuse), Apache Nifi, Elastic Search among others.
- Proficient in Test Driven Development using Junit, Mockito and other Platform specific TestRunners such as CamelTestSupport, NifiTestRunners etc.. Have experience in using profiling tools such as jconsole, visualvm, perfmon etc.
- Proficient in various Developer tools such as Git, Ant, Gradle , Maven, IntelliJ, Eclipse, Postman, SSH, Toad, Stash, Jira, Confluence etc.
- Implemented Continuous Integration Workflows for projects on Jenkins that included jobs for building, static code analysis, testing and deploying projects to binary repository. Used Pipeline plugin to orchestrate multi job work-flows using Python, Groovy, bat and shell scripts and a number of Jenkins Plugins.
- Created Web applications using ASP.NET, Django, Play Framework. Proficient in HTML/CSS/JavaScript. Basic familiarity in Angular 2 framework and the general node ecosystem
- Worked in Scrum teams for most of my career and as a scrum master for short periods of time, I have good knowledge on Scrum Ceremonies and methodologies. Used this opportunity to build a number of scripts to automate various metric collection and reporting tasks using Python and Google App Scripts.

## Certifications/Awards

- Accorded Spot Award thrice for various contributions
- Coursera certifications in Python, Java among others
- Completed various inhouse certifications in Security, PSR and Code Quality.
- Individual Pillar Award for Designing and developing API framework for test harnesses
- Team Pillar Award for in-time deployment of Intelligent Fulfillment product for client

## Other Languages

C,C++	●	●	●	●	●
Golang	●	●	●	●	●

## Java Frameworks and Libraries

Java Multithreading	●	●	●	●	●
Spring DI	●	●	●	●	●
Hibernate,JPA	●	●	●	●	●
Apache Camel	●	●	●	●	●
MQ-OMQ,AMQ etc.	●	●	●	●	●
Apache Nifi	●	●	●	●	●
Apache CXF	●	●	●	●	●
ElasticSearch,ELK	●	●	●	●	●
OSGI	●	●	●	●	●
Apache Cellar	●	●	●	●	●
RxJava	●	●	●	●	●
Spring Boot	●	●	●	●	●
Akka Toolkit	●	●	●	●	●
FTL,Thymeleaf,Twig	●	●	●	●	●

## Servers

JBOSS,Weblogic	●	●	●	●	●
Apache Karaf	●	●	●	●	●
JBoss Fuse	●	●	●	●	●
ActiveMQ(JMS)	●	●	●	●	●
Webmethods(JMS)	●	●	●	●	●
Tomcat,Glassfish	●	●	●	●	●

## Databases

Oracle	●	●	●	●	●
MySQL,Postgresql	●	●	●	●	●
MSSQL	●	●	●	●	●
Sqlite,Derby,H2DB	●	●	●	●	●
Firebase	●	●	●	●	●
MongoDB	●	●	●	●	●

## XML

XML	●	●	●	●	●
XSLT	●	●	●	●	●
XPath	●	●	●	●	●
XSD,DTD	●	●	●	●	●

## Data formats

XML,Json	●	●	●	●	●
CSV,Toml,Yaml	●	●	●	●	●

## Experience

JDA Software  
www.jda.com  
Jul 2012 — Present  
5 Yers 6 Months

## Intelligent Fulfillment System Team

- Created a number of automation tools including Request generator, Automation Console
- Created a REST API to provide an interface to WMS, a legacy application
- Created an E2E Test harness using Apache Nifi called the Autopilot.
- Worked on Scaling and Reliability benchmarking of the application.
- Worked on Identifying performance bottlenecks and implement optimizations where necessary
- Working on Porting the entire application to Mulesoft platform
- Mentoring teammates.
- Worked for a couple of months as a scrum master till a replacement was hired.

## Intelligent Fulfillment Adapters Team

- Learning developing application for OSGI to be deployed on Apache Karaf.
- Designed and developed integration workflows using Apache Camel and JMS
- Involved in design and development of a BDD Test framework using Fitnesse.
- Involved in developing automated test repository using Junit, Mockito and PAX Exam
- Architected and implemented the continuous Integration workflow using Jenkins, Git, Artifactory and Maven.
- Key member in setting up Static code analysis tools such as Checkstyle, Cobertura etc...

## Distributed Order Management

- An Order management system developed using the proprietary ABPP framework.
- Involved in designing, developing and testing Order management workflows such as Order promising, Activity order, Shipment Exception workflows ,Back-ordering,Repromising etc...
- Involved in creating automated cloud deployment packages for Bladelogic.
- Worked on creating a Rest API interface for a monolithic order capturing application.

## Customer Engagement

- A modularized order execution application implemented using JDA's proprietary ABPP Framework.
- A Collection of web services and UI components that manages the lifecycle of an order from being created to being released for execution and also tracks the state of shipments.
- Involved in designing, developing and testing Order management workflows such as Order promising, Activity order, Shipment Exception workflows ,Back-ordering,Repromising etc...
- Involved in creating automated cloud deployment packages for Bladelogic.

## Build Tools

Ant	●	●	●	●	●
Maven	●	●	●	●	●
Gradle	●	●	●	●	●
SBT	●	●	●	●	●

## Frontend

HTML5,CSS,JQuery	●	●	●	●	●
Angular	●	●	●	●	●
Nodejs,Npm,Yarn	●	●	●	●	●
Yeoman,Gulp,Bower	●	●	●	●	●
Playframework	●	●	●	●	●
PHP CodeIgniter	●	●	●	●	●
Python Django	●	●	●	●	●

## Tools

IDEA,Eclipse	●	●	●	●	●
ST3,VSCode	●	●	●	●	●
Postman,SoapUI	●	●	●	●	●
Git,Stash,Artifactory	●	●	●	●	●

## Cloud Tools

AWS,GCP,Openshift	●	●	●	●	●
Bladelogic	●	●	●	●	●

## CI,Infrastructure

Jenkins	●	●	●	●	●
Docker	●	●	●	●	●
Ansible	●	●	●	●	●
TravisCI	●	●	●	●	●
Shell,Bat,Powershell	●	●	●	●	●
Python Scripting	●	●	●	●	●
SonarQube,PMD	●	●	●	●	●
Checkstyle,Cobertura	●	●	●	●	●
Appscan	●	●	●	●	●

## Other

Markdown,LaTeX	●	●	●	●	●
Autohotkey	●	●	●	●	●
Wordpress	●	●	●	●	●
Hugo,JAMStack	●	●	●	●	●
Android	●	●	●	●	●
Google Appscript	●	●	●	●	●
Chrome Extensions	●	●	●	●	●
Yeoman Generators	●	●	●	●	●
Sublime text plugins	●	●	●	●	●

Siemens – SISL  
www.siemens.co.in  
Jan 2012 — Jun 2012  
6 Months

## Static Code Analyzer using FxCop

- Writing Custom Rule bundles for FxCop
- Added new rules based on Research papers on Code smells.
- Used C#, FxCop API

EBT Pvt Ltd  
www.ebtech.biz  
Aug 2009 — Feb 2010  
7 Months

## Client Project for Wipro

- Web programming using ASP.NET
- Created javascript client side validation library
- Developed and tested wizard style forms for a stationary management system

Chrysalis Information Systems  
www.cislworld.com  
Aug 2008 — Aug 2009  
1 Year

## TDI Futures

- A multicast TCP Server for Stock Quote broadcasts
- Built in C# and Forms 4.0
- Worked on Authentication module using LDAP
- Worked on Authorization module

## Deal Connections

- An Investor marketplace web application.
- Developed using ASP.NET with C#
- Worked on several enhancements to the core transaction engine
- Developed a messaging module.

## Crimson interactive

- A Web based Workflow application for Language solutions client.
- Developed several Wizards using Windows Forms
- Designed and developed C# classes to model the Language translation workflow
- Designed and developed Authentication and Dashboard UI.