

**Name** : Abhijeet Dada Mote  
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### Career Objective:

To work for an organization that gives me an opportunity to explore my potential to the fullest and make a useful and positive contribution to the organization.

### Educational Qualification:

**MCA with 1<sup>st</sup> Class** from Bharti Vidyapeeth Institute of Information Technology Belapur 2011-2014.

**B.Sc.IT with 1<sup>st</sup> Class** from Dr. Ambedkar College of Information Technology Wadala 2008-2011.

Sr. No	Degree	Board /University	Year of Passing	Percentage
1	MCA	Mumbai	Sep-2014	First Class
2	B. Sc. (IT)	Mumbai	March-2011	First Class
3	HSC (Science)	Maharashtra	February-2008	Second Class
4	SSC	Maharashtra	March-2006	First Class

### Work Experience:

#### ❖ Python Developer

**May 2015 -Present**

Ardent iSys Pvt. Ltd.(Mumbai)

Ardent isys is a software company which works along Business Analytics companies to create cutting edge technology, in building proficient, intelligent data collecting and cleaning systems that reduces the overall cost of ETL implementation.

Currently working as **Python Developer** to implement an end-to-end application for processing around 100 GB of unstructured transactional data from different data sources like smart devices and set-top boxes. This data is transformed into a meaningful data set which is loaded into DW for analysis for the largest media company of North America Region. Challenge is to process, create and validate xml files of a day's worth of data in 2 hours timeframe, which is currently taking 6 hours on AWS EC2 cloud infrastructure.

Implemented and improvised 2 projects for processing semi-structured transactional data in different file formats like **csv, xml, json, txt, xlsx** from different sources and apply transformation on one or more files to be converted to desired xml file.

Roles and Responsibilities:

- Development of API for Data cleansing using python2.7, Pandas, lxml, generateDS, multiprocessing, MySQL, Postgres, MySQL, infrastructure used is **AWS EC2 and S3**
- Code Standardization:
  1. Creating the templates for Classes and functions, Review the code and follow PEP-8 Coding standards.
  2. Created guidelines for documentation of different components of the code which increased code readability and re-usability.

- Unit Testing:
  1. Writing Unit Test Cases
  2. Testing the Code before release on the server.
- Data Issue Investigation: Responsible for Investigation of spikes or Deeps in graphs
- Version Controlling:
  1. Following the version controlling system using **GIT** and work flow, since we work on multiple projects of similar kinds.
- Release Management:
  1. Following the code release process on production environment using Atlassian **JIRA**.
- R&D and POC:
  1. Responsible for searching for better solutions to further optimize the existing code and increase scalability of the same, so they can be leveraged for future projects.
  2. Being part of project bidding team, created proof of concepts (POC) along with the scope and risks document.
- Python3 code Migrations: Responsible for migration of the python2 code to python3
- Training:
  1. Giving training to the new joiners on Python, Pandas, GIT, Release Management,

❖ **Freelancer and Solution Provider**

**March 2015 – Apr 2015**

1. Creating software design and architecture for open source ERP software.
2. Conducted workshops for open source technology awareness, training on Python and Linux.

❖ **Jr. Software Engineer**

**March 2014 – Feb 2015**

Worked at Industrial Research and Constancy Center **Indian Institute of Technology (IIT)-Bombay** as **Jr. Software Engineer** on **Autograding** Project and **IITBombayX, OpenEdX**, Core Java, C, Python-Django Framework, MySQL

Roles and Responsibilities:

1. Writing Business logic and Creating Unit Test Cases for Autograder Software.
2. Designing Front End using HTML, CSS, JQuery in IITBombayX.
3. Creating interactive Learning Material for students using Java Blackboard library.
4. Creating and Designing Python Syllabus, Creating problem statements and answers for them.
5. Responsible for R&D on open source alternative solution to the proprietary software.
6. Writing and maintaining Technical Documentation for the software.
7. Conducting the workshop for Teachers on C and C++ under T10KT Program, Worked as teaching assistance.

❖ **Intern Software Engineer**

**Dec 2013 – March 2014**

Completed **Internship** on project **GNUKhata-Free and Open Source Accounting Software** which is developed in OpenJDK-SWT library and Python from <http://dff.org.in/gnukhata>

Roles and Responsibilities:

1. Creating business logic for accounting software
2. Creating and adding the new functionality features in Accounts & adding different reports.
3. Testing the code as per requirements
4. Promoting open source software, conducting workshops on open source technologies.
5. Providing R&D on open source alternative solutions.

❖ **Part Time Software Developer**

**Sep 2010 – Nov 2011**

1. Creating and Designing web application using HTML5, JSP and Servlets
2. Responsible for writing Macros using VB 6.0. and Java

3. Created web application E-Verifications using JSP and Servlets, Creating different reports as per the requirements of end user.

#### **Additional Qualifications:**

- “Certificate in Web Component Development using JAVA Technologies” with Excellent Grade from NIIT
- Certification course from **#include IT** on core and advance Java, PHP, Android, UML, MS-SQL, Introduction to SAP.

#### **Technical Skill Sets:**

- **Language** : Python 2.7/ Python3, C/ C++, Java 1.6, XSD, XML
- **Library** : Pandas , IPython
- **Database** : SQL 2005, MySql 5.0, PostgreSQL
- **Application** : Visual Basic 6.0
- **Internet technology** : HTML, VBScript, javascript, CSS, PHP, Servlet and JSP
- **Web Servers** : Apache Tomcat, XAMPP
- **Methodologies** : UML
- **Learning Technology** : Machine Learning, R Programming, Django
- **IDE** : NetBeans 6.9, Eclipse, Komodo, Sublime, PyCharm

#### **Area of Interest:**

- Data Analytics, Predictive analysis, Machine Learning, R Programming
- Big Data, Data Science, Open Source Technology, Teaching

#### **Extra Curricular Activities:**

- Advisory for Mandesh Youth Foundation NGO.
- Takes python workshops for students.
- Student coordinator for **Team Techfest-2014 IIT Bombay**
- Participated in **Mobile Application Development (Android)** at A.C.Patil 2013.
- Participated in **Innovative Idea** By Mumbai University in 2013.
- Survived till 2nd last round in **IBM Developers Works-2011** contest for E-Verification project.
- Discussion with Scientist (Dr. Jayant Narlikar) By **Marathi Vindhnyan Parishad-2005** at Akashwani.
- 1<sup>st</sup> prize in Science Quiz Contest By **KARUYA -2001** at Dnyeshwar Vidyalaya.

#### **Personal Details:**

- **Marital status:** Unmarried
- **Language Proficiency:** English, Marathi, Hindi.

I hereby declare, all the above information provided is correct & to the best of my knowledge.

Date :

Place : Mumbai