

# Ajay Tandon

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## CONTACT

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## WORK EXPERIENCE

### HTC Global Services

May 2021 — Present

Lead - Python

*Client* : Societe Generale

*Roles and Responsibilities* :

- Worked on DoltNow product with Postgresql for application infrastructure.
- Experience on Flask framework with Swagger UI.
- Followed Agile SAFE model for Project Management.

### Marlabs

Oct 2018 — April 2021

Technical Lead

*Technologies Worked* : Python, Django, Flask, Mysql, SQLAlchemy, Docker, Hadoop.

*Roles and Responsibilities* :

- Experience on Django and Flask framework.
- Hands on code development and API team handling.
- Handled code and Server deployments.
- Docker containers and Image creations.
- Worked on mAdvisor project which has AI(Artificial Intelligence) and ML(Machine Learning) based functionalities like Model creation, Scoring, Signal and Stocksense.

### Think42 Labs

Dec 2016 — Apr 2018

Lead Developer

*Products* : Pappaya (PRMS), Pappaya (PED).

*Technologies Worked* : odoo, Python, XML, Postgresql, Pentaho Reporting

*Roles and Responsibilities* :

- Worked on product Pappaya which includes PRMS (Pappaya Resource Management System), PED (Pappaya Education).
- Handled team for resource management and Reports creation.
- Architecting and Structuring of Product Life Cycle.

### IDS Infotech Pvt Ltd

Jan 2016 — Dec 2016

Software Engineer

*Technologies Worked* : odoo, Python, XML, Postgresql, Pentaho Reporting

*Roles and Responsibilities* :

- Design, Development and testing of Odoo(OpenERP) addons, projects, products and interfaces.
- Interact with customers and provide guidance with Odoo(OpenERP) module's functionality.
- Reviewing codes and providing assistance to group members who have very little expertise.

- Ability to write maintainable application code which effectively and efficiently implements business requirements.
- Work with fellow developers to provide on-time and complete features, documentation and peer training.
- Participate in all phases of the Agile software development life cycle including technical analysis, design, development, testing, documentation and deployment.
- Taking part in the development of long reach strategies and aims.
- Enforcing architectural procedures for projects.
- Creating and making architecture and technical documents up to date for follow up and approval.

## Next Techno Soutions

July 2015 — Dec 2015

Application Developer

*Technologies Worked : odoo, Python, XML, Postgresql, Pentaho Reporting, Elastic-search*

*Roles and Responsibilities :*

- Worked on EMIS (Educational Management Information System), Human Capital Management System(HCMS).
- Interact with customers and provide guidance with Odoo(OpenERP) module's functionality.
- Implementation of Pentaho reports as Third party Integration and Matrix Bio-metrics tool integration
- Creation and implementation of Nodes and Clusters in Elastic search.

## Trabacus Technologies

Dec 2013 — June 2015

Technical Associate

*Technologies Worked : odoo, Python, XML, Postgresql, Pentaho Reporting, SMS Client*

*Roles and Responsibilities :*

- Travel based Enterprise ERP Product in odoo.
- Woked on modules like Sales, Accounting, Lead, Human Resource, Ticketing, Reporting, etc.,
- Pentaho Reports, Created many reports using pentaho reports with SQL queries for the invoice and travel related itinerary
- PostgreSQL database
- Trabacus is a Travel Management Enterprise Solution, which includes packages like Flight, Hotel, Railways, Cars, Add-ons, Activity, Miscellaneous etc.,. Ref: [www.trabacus.com](http://www.trabacus.com)

## Metal Tech Establishments , Saudi Arabia

Jan 2013 — Sep 2013

IT/BD Engineer

*Technologies Worked : odoo, Python, XML, Postgresql*

*Roles and Responsibilities :*

- Implementation and Configuration of IT setup for the use of manufacturing clients using openERP.
- Handling Clients and Interact with customers and provide guidance in IT/BD.
- Managed a Team size of 20 including the Manufacturing, Business Developement and IT Support.
- Maintained Business Development processes and Performed general office duties and Managerial administrative tasks.
- Prepared weekly confidential reports for presentation.

## INTERNSHIPS

### ***Mobicip Technologies***

Software Engineer Trainee - Dec 2011 - May 2012

- Creation of Login authentication using OAuth in Mobicip Mobile app.
- Handling of Web User-Session Inference by means of Clustering Techniques.
- To manage the traffic traces and TCP connections from the same source host and to view the usage of each user that can be shared among them. Android Application for Server and Web-Service Monitoring.
- Implementation and testing of REST API and User Database Authentication.

### ***Millennium Software Productions***

- Web User-Session Inference by means of Clustering Techniques
- To manage the traffic traces and TCP connections from the same source host and to view the usage of each user that can be shared among them.

## SOFTWARE EXPOSURE

- Python, Django, Flask, Odoo(formerly openERP), PostgreSQL, XML, ElasticSearch.
- Docker, Hadoop, Azure, API(Web-services), Linux.
- AWS (Lambda, serverless, EC2)
- Versioning Tools : GIT, Tortoise SVN, Jira.
- Pentaho Reports.
- Virtualization PowerBI
- Application Development, Search Engine Optimization
- Domain Name Registration, Web Hosting services, Website Maintenance

## EDUCATION

Master of Science in Software Engineering

June 2007 — July 2012

M.Kumarasamy College Of Engineering - Anna University

Higher Secondary Certificate

June 2006 — May 2007

Nazareth Matriculation Higher Secondary School

## AWARDS AND ACHIEVEMENTS

- Member of Project Management Institute (PMI), IASA (An Association for All IT Architects), MAPA (Microsoft Association of Practicing Architects) and Python Software Foundation.
- Participated in a Guinness Record event for "Most Participants in an App Development Marathon" conducted by Microsoft.
- Published apps on Windows Store.
  - Math Tables
  - Alice in Wonderland
  - Auto-biography of A.P.J. Abdul Kalam
  - Auto-biography of Mahatma Gandhi
- International Round-B Competitor in Imagine Cup conducted by Microsoft Corporation
- Awarded by the Excellency Mr. A.P.J. Abdul Kalam (former President of India) for Yuva Program