DHRUV KHATRI

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Experience

- **Infosys Limited(System Engineer)**   29th **August 2016 – Present**
  - Undergone generic training in Python and databases. Foundation training in Java domain.
  - Undergone training and developed POC on **AEM 6.0**
    - Development activities including creation, configuration, and integration of templates, components, dialogs, widgets, workflows and OSGi bundles.
- **MagicBricks.com(Java developer Intern)**   15th **June - 14**th **August 2016**
  - Worked on a forum product (for admin moderators) developed from scratch. Responsible for handling following functionalities:
    - Creating and editing new topics
    - Moving a post from one topic to another
    - Creating and editing posts (adding tags and attachments)
  - Technologies Used : Spring, Hibernate, JavaScript, Bootstrap, MariaDB

- **Qualtech Consultants Pvt. Ltd.(Intern)**   8th **June-22**nd **July 2015**
  - Developed a SOAP web service to sync data between two databases on different servers.
  - Developed an email sending module to integrate in a live project (TMS).

Education

Year	Degree	Institute	Percentage/CGPA
2016	Bachelor of Technology in Information Technology	Jaypee Institute of Information Technology	7.3
2012	AISSCE	AHLCON Public School	82.2%
2010	AISSE	AHLCON Public School	9.2

Technical Skills

LANGUAGES	C++| JAVA
JAVA	Core	Servlets	JSP	Hibernate| Spring Core
DATABASES	Oracle	MySQL	MongoDB
WEB TECH.	HTML	CSS	Javascript
OPERATING SYSTEMS	MS Windows	Linux	Mac OS
OTHER	▪ RESTful Web Services(JAX-RS) ▪ MVC Architecture ▪ Design Patterns

Projects

1) **INFY RETAIL**
   - A single page web application to extract the top ten customers of the Infy Retail application using filters such as date range and amount spent. Customers could also be upgraded/downgraded by admin based on their profile.
   - Technologies used : AngularJS, Java, AJAX, Hibernate, Bootstrap

2) **MUSIC RECOMMENDATION ENGINE**
   - A web application in which we recommend songs and other users to a client from a large database based on certain factors (such as loudness and tempo of a song). The recommendation will also change dynamically on the basis of user's interests.

3) **TOURS AND TRAVELS**
   - This is a graph-based user-friendly application in **C++** where a user can plan his/her trip to any part of the world according to his preferences and optimizing the cost and time of the trip. The application also consisted options of phone recharge and ATM.

4) **DATA DICTIONARY**
   - A web based application using **JSP** to generate the dictionary(variables and functions) of the source code input by the user.
   - It also includes a feature of comparing two pieces of codes through **Myers diff algorithm**.

5) **FOOD IMAGE RECOGNITION**
   - An android app which originally started with a MATLAB UI aimed at recognizing food images from a set of 50 categories by clicking a picture from the phone.
   - The app also showed nutritional content for the food item recognized and the top five restaurants where the food item is available in Delhi.

6) **KNOW YOUR LEADERS**
   - A web application developed to know the preferred choices of people for the upcoming General Assembly Elections. It also provides the users with information about the candidates representing respective parties from the all the constituencies.

7) **MUSIC PLAYER**
   - Application developed in visual C++ where the user can play songs present in the database and perform basic operations. Playlists can also be formed from the currently present songs in the file.

Extra Curricular Activities

KARATE

- **SHO-DAN (Black Belt)** awarded by All India Karate-Do Federation recognized by the Govt. of India and **Indian Olympic Association**.
- 2nd DAN (Black Belt) Diploma awarded by TENSHINKAN Karate-Do Federation, Japan.
- Delhi State Gold Medalist (Karate-Do Association of Delhi Competition 2001, 2003, 2006).

Other Activities

- Worked on **patent research** in PatentManiac (a patent research firm) for 3 weeks.
- Secured 'A' grade in **RIO+21 IYWC INDIA PROGRAM**
- Successfully completed course (**MONGODB for JAVA developers**) by MongoDB Inc.
- CodeWhiz.java(HackerRank) : Rank – 332/1329
- MakeMyTrip Java Challenge(HackerEarth) : Rank – 334/2065