Harendra Kumar

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Bangalore, India

Work Experience

Cognizant Technology Solutions, Bangalore

Designation: Associate   **Duration**: August 1st 2014 to Till Date

Industry Projects

1. Connect Web Application

Project Description- This project is a web based application gives a platform for social connect. It provides a functionality where a user can connect with other users through messages and posts; they can add each other to their friend lists. User (Admin) can create a group/ forum in which user can post whatever they want and have a discussion on the same. A user "X" can send request to join a group "G", once Admin of group "G" approves the request then user "X" becomes the member of this group and gets the permission to post something or comment on existing posts.

This web based application is built using Bootstrap framework, which means it can used on Mobile, Tablet or Computer any device.

Technology Used: JAVA, Servlet, JSP, CSS3, Maven, Git, Bootstrap, HTML5, MySQL, HTTP Session

2. FlexiRent Booking

Project Description- FlexiRent application manages the renting and maintenance of various types of rental apartments in a city. Unlike traditional hotels, FlexiRent offers stylish 1, 2, and 3-bedroom Apartments and Premium Suites for short-term stays in city. Admin can add a new property as Apartments and Premium Suites and it can be given for rent for a maximum of 28 days. Once the property is returned from Rent, billing will be done with respective base price for different type of properties.

If the property has not been returned within expected time than penalty charges will also be added in final bill amount.

Premium Suites are having maintenance interval of 10 days. Once the maintenance is done, property bill again be available for rent.

Technology Used: JAVA, Maven, Git, MySQL

3. Airport Management System

Project Description- This project is a web based application which manages the Airport System Database of Planes, hangers, owners, managers, addresses etc.

It allows an Administrator to perform various operations (e.g. Adding, Deleting, Modifying etc) on Plane, Hanger, Owner, Managers and Address log etc.

The Database Layer of application is on MySQL Database. The Business Layer is developed using ASP.Net Framework and was coded in C# and JavaScript. The Presentation Layer is designed using Bootloader.

4. EST Tax Servicing Services

ETL Tools, Data Analytics, US Tax Business

Client- Core Logic, California, United States

Project Description- This project is to provide property tax details, based on unique Property ID of every property of United States, to the clients.

Various property detail file of different Layout and Pattern are collected from US Tax Authorities having property details according to the Property ID. As all Tax Authorities are having their own style of storing the data in the files. We analyze various layout files, extract and transform the data using **VIPER and Informatica Tool.**

So using Viper ET, after processing, We collect relevant data from the files and load them on the database with their respective Property ID.

So using Property ID admin can give all the tax details to the client.

Basically this project gives the detailed knowledge about entire business logic and how the tax process is handled in various states of US.

Summer Internship/ Industrial Training

Varun Beverages Limited Pepsi, Mathura [UP]

Duration: 27th May 2013 to 6th June 2013

- Learnt about PEPSI's IT Infrastructure
- **Tools Used -** SAP, FORTIGATE 40 C, Zimbra, and Digisol.
- Learnt about team managing, executing project plans and other business ideas.

Academic Projects

Efficient CBIR- This project is to implement an efficient content based image retrieval system by the combination of various algorithms on color texture and shape features and efficient indexing of images with use of Data Mining.
A query based image search and retrieval is performed on a huge database of images.
The images present in the database are already indexed based upon color (histogram), local (SURF) features.
Relevant images with respect to the query image are retrieved from the database and displayed.

Internet Advertisement Blocker - This project uses concept of Data Mining. This Web Application predicts whether images present on a web page are advertisement or non advertisement.

Advertisement Images can be blocked by this application which leads to decrease in response time, reloading time etc. of that web page.

Skill Set

Languages and Scripts

JAVA, Servlet, JSP, Maven, Git, Bootstrap, CSS3, HTML5, MySQL, HTTP Session

Software

Eclipse, Netbeans, Visual Studio, SQL Server Management Studio, Informatica, Viper, ETL Tool, Xampp, Git

Having strong knowledge in data mining, extraction and loading.

Education

Graduation Course- Bachelor of Technology (Completed: 2014) Jaypee Institute of Information Technology Noida 62 **Branch** Information Technology **University** JIITU Noida	**CGPA** CPGA 6.7 or 73%
Senior Secondary Examination - Class XII Pratap Shiksha Sansthan Jaithra Etah **Board** State Board [UP]	**Percentage** 78.5%
Higher Secondary Examination - Class X C P V N Inter College Kaimganj Farrukhabad **Board** State Board [UP]	**Percentage** 79.5%

Accomplishments

- Published a research paper on CBIR in IC3, IEEE explore.

- Published a research paper in ICECIT-2013 at Thapar University

- Organized and participated in the event at college fest

- Project displayed in Cyber Shrishti (A Project Expo held at JIIT)

Personal Details

- **Date of Birth:** October 26th 1992

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