



Ishan Dikshit's Portfolio

"I certify that the work included in this portfolio is my own original work. Work included which was conducted as part of a team or other group is indicated and attributed as such- -the other team members are named and a true description of my role in the project is included."

- Ishan Dikshit

12/23/2015



Table of Contents

Academic Project : Biometric Encrypted Mail Server 3

Professional Experience 4

- The SQ script generation tool
- Head Designer for celebrations team in organization

Website Designs 5

- Dot100
- ParkashShoppe
- CEC
- Sanrachna
- YogaYahoo
- IndianYogshala
- VisitHimalayas
- IshanDikshit.com

For Online portfolio, please visit - www.ishandikshit.com

Biometric Encrypted Mail Server

“Academic Major Project, 2013”

Description : A mail system developed on LAMP platform (Linux, Apache, MySQL and PHP) implementing IMAP protocol for message transfer.

This is integrated with a fingerprint authentication system developed with the help of MATLAB. The system reads the fingerprint image using optics acquisition technique to generate a one pixel binarization image. It is further converted to a binary code. This binary code is saved in the MySQL db as password for the username.

Target audience : This system is designed keeping in mind the need of more secure mail systems for institutions having highly sensitive data like Government agencies, Banking sector etc.

Technologies Used : PHP, MySQL, MATLAB, IMAP Protocols, HTML5, CSS3, Linux OS.

Other Team Members : Madhur Khandelwal (091449, JUIT), Prerna Parashar (091443, JUIT)

Paper Published: A paper was submitted to the college under mentorship of Dr. Vivek Sehgal, JUIT, India.



Biometric
ncrypted Mail Serv



Professional Work

Accenture

- Intern (Feb 2013 - Aug 2013)

- Software Engineering Analyst (Aug 2013-Present)

Was offered internship for 6 months by Accenture which converted into a full-time developer job.

Currently working as a programmer for an Insurance client in North America with a user base of more than a million.

My role is to develop new Java web services. It also includes working with tech architects to design solutions for new systems in terms of technical structure

Skills: Java J2EE, CXF, JSP, Hybris, Ajax, JQuery, Agency Port, BPEL.

“The SQL Script generation tool”

Developed a user friendly tool to automate a process of creating SQL scripts by reading an excel sheet. The tool was created using Swing UI on Java Platform for front end. The tool has a form which asks the user to fill in details of the excel sheet to be read. Apache POI API is used to read the excel at backend and create SQL scripts accordingly.

This tool is made to be compatible with all the version of MS Excel.

I won the ‘Productivity Champion Award’ for that quarter in my organization for this tool.

“Designer for Celebrations Team in Accenture”

I am also the head designer for event posters and banners in my Delivery Unit at Accenture. Unfortunately, the designs cannot be shared because of organization policies.



Website Designs

“A list of projects created more out of passion than anything else...”

Dot 100

"My shot to fame- My first application on University LAN."

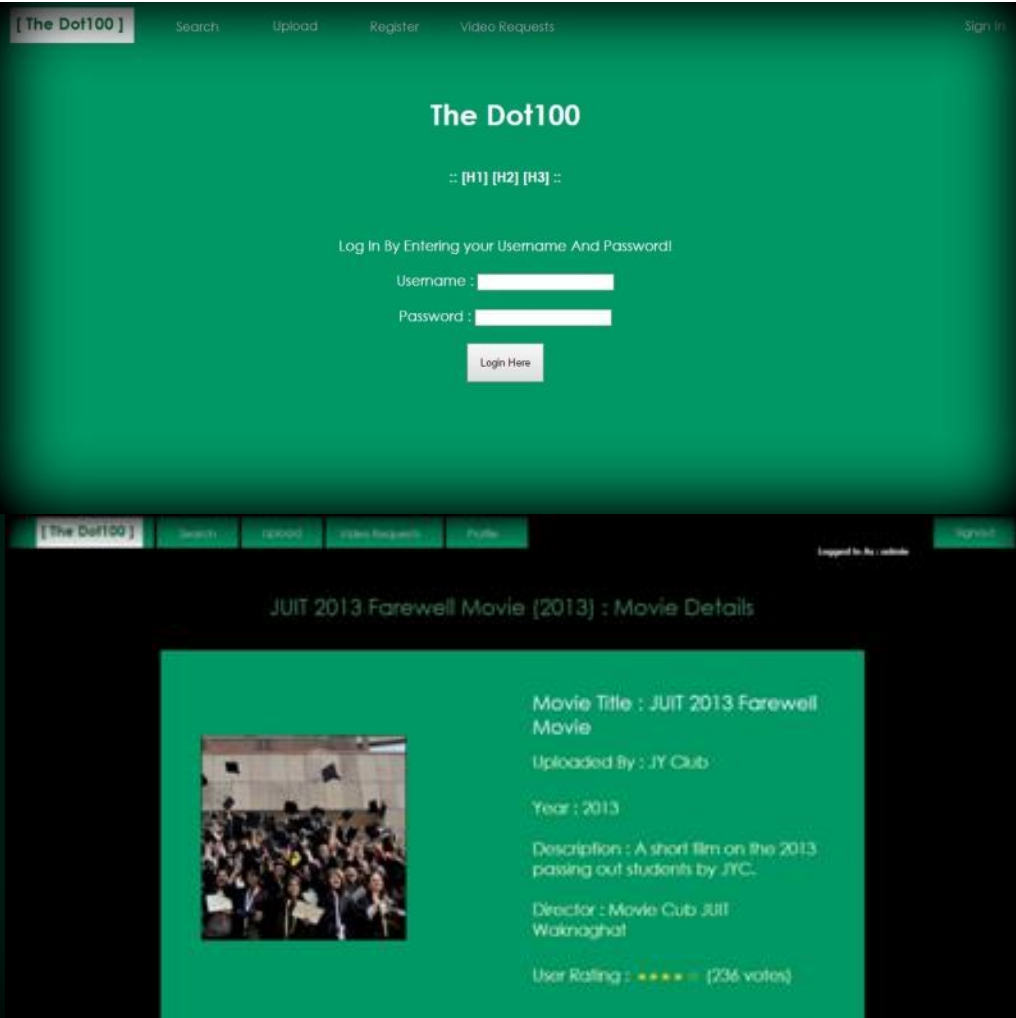
Description : A media sharing website on intranet that allowed students to share videos ranging from lectures to various auditions etc.

It also had features of user login, rating, comments and feedback etc.

The webpage received enormous traffic making it the highest viewed university website in that term. However this eventually resulted in a crashed server.

Technologies used : PHP, MySQL, HTML, CSS, Javascript, Linux OS, Apache Server 2.0

Team members : N/A (Sole owner).



ParkashShoppe

"Self-Developed e-commerce framework"

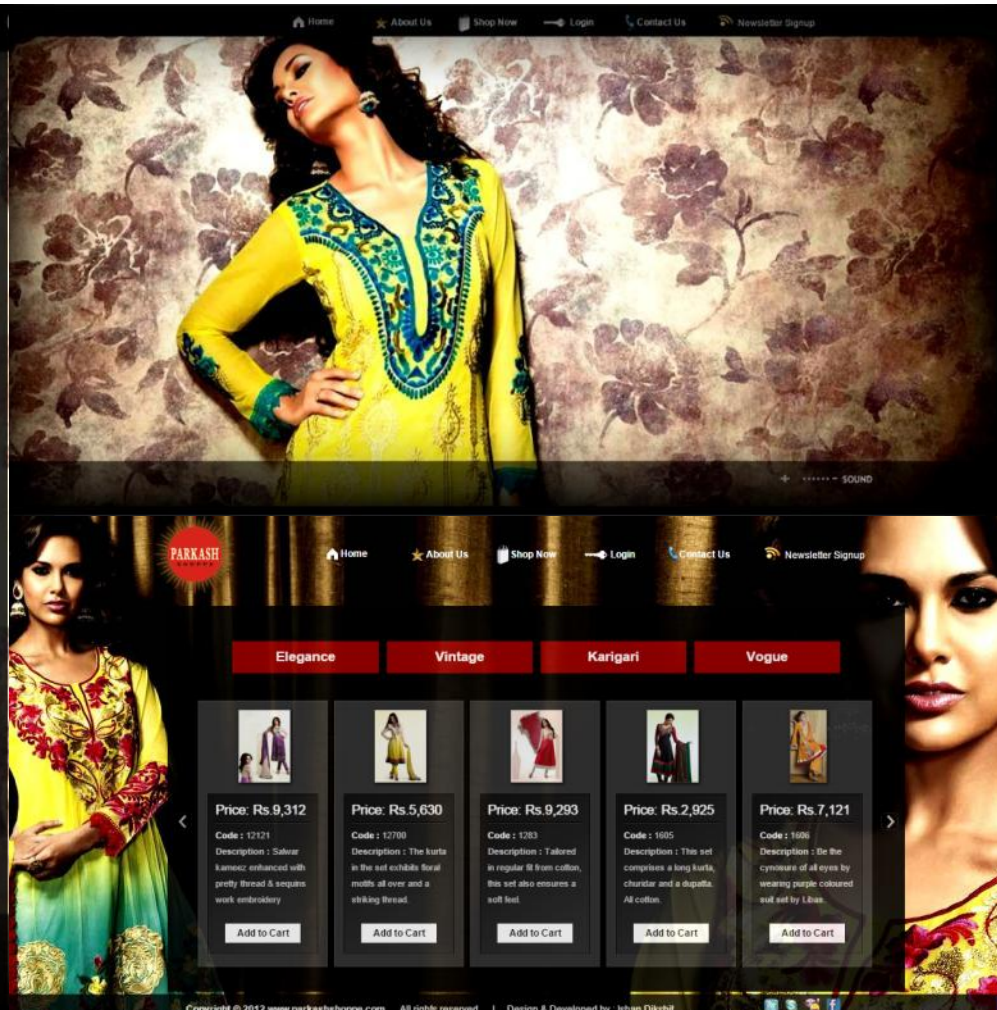
Description : An online shopping portal for a leading clothing firm in Punjab, India. A full home grown e-commerce framework catering to needs of users around the world. Highest traffic received from Canada, USA and Australia.

Technologies Used: PHP 5.2, Adobe Flash, MySQL and Apache server on Linux platform.

Payment gateway : Paypal

Team Members : N/A [Sole Owner]

Pubic Domain : www.parkashshoppe.com



CEC

Home Sanrachna 2011 Team

Description : Official Civil Engineering Consortium website for Jaypee University of Information Technology., Solan, India The website was a face of CEC to various event sponsors and institutes across India. The website stayed active for 3 years during my college tenure.

Technologies Used: PHP 5.2, Ajax, MySQL, Social media plugins, CSS, Linux OS, Apache Servers, Adobe Photoshop

Team Members : N/A [Sole owner]

Public Domain : www.cecjuit.co.in [expired]



Civil Engineering Consortium



Civil Engineering Consortium



Sanrachna 2012

Description : Official website for a national tech-fest held at Jaypee University of Information Technology in March 2012. The portal also had features of online event registration and even paper submission. It was the first time, I created a JQuery plugin and integrated as a menu to the website.

Technologies Used : JQuery, PHP 5.3, Ajax, CSS3, Linux OS, Adobe Flash, Photoshop, MySQL.

Public Domain : cecjuit.co.in/Sanrachna

Team members : N/A [Sole Owner]

SANRACHNA 2012

31st MARCH - 1st APRIL 2012



SANRACHNA 2012

THE NATIONAL CIVIL TECHNICAL FEST



YogaYahoo

"Self Developed Search Engine"

Description : An online directory for Yoga Institutes and teachers around the world.

Implemented with a CardUI type of thing back in 2012 long before its inception in actual design models.

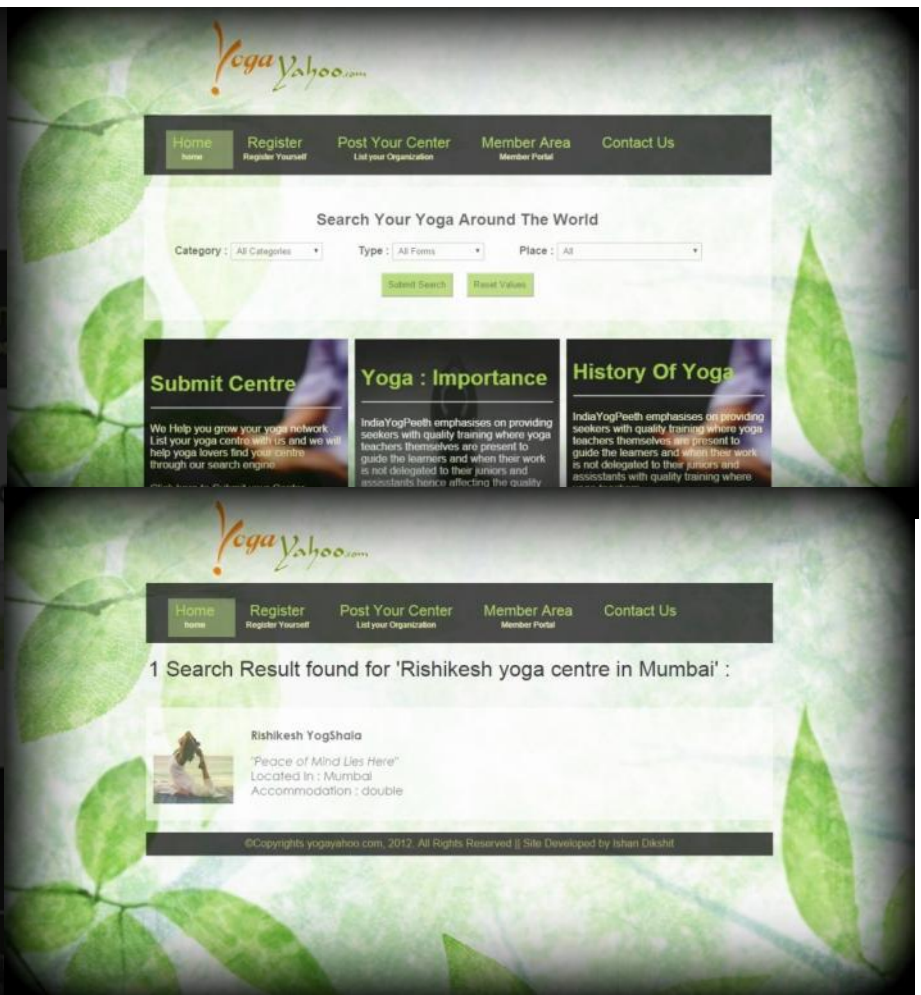
Uses a unique search algorithm to return the best possible results.

10,000+ teachers indexed to the system till date.

Technologies Used : PHP5.3, HTM5, CSS3, Ajax, Oracle DB 11g, Linux OS.

Pubic Domain : www.yogayahoo.com

Team Members : N/A (Sole owner)



Indian Yogshala

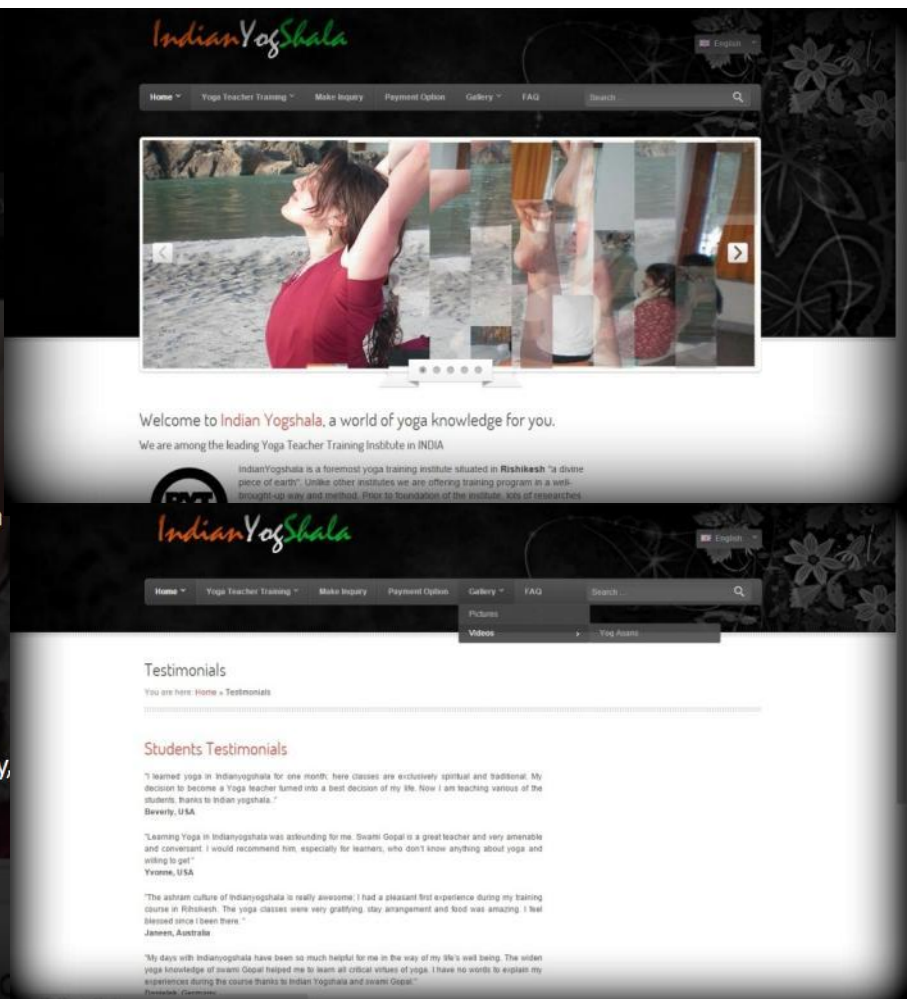
Description : Designed for one of the best Yoga institutes in India.

Due to a diverse target audience, the website can be viewed in all major languages.

A good portion of audience comes from the European countries.

Technologies Used : PHP 5.3, Oracle DB, JQuery, Javascript, Google Adsense, Ajax.

Team Members : Uttam Dhabas (JUIT Waknaghat)



Visit Himalayas

Description : Dedicated travel blogging portal for university LAN.

I actually went to various destinations for pictures and write-ups.

Features included the ability to write travelogues with custom fonts and settings.

Technologies Used : PHPBB3, MySQL, Adobe Photoshop, PHP, HTML5, CSS3, Javascript, Apache 2.0 server.

Team Members: N/A (Sole Owner)

The screenshot shows the 'PackedBags : Plan Your Travel' form. It has a header with the 'visithimalayas' logo and navigation links: Travel Planner, Destinations, Hotels, Find Cabs, BagPacker!, and Tour Setters. The form itself has three dropdown menus: 'Source Station of Tour' (set to Delhi), 'Tour Destination' (set to Shimla), and 'Duration of Tour(in days)' (set to 1). Below these are 'Reset Values' and 'View Packages' buttons. At the bottom, there are three small image thumbnails with captions: 'Travel Itinerary', 'Agents Make You', and 'Find Cab Operators'.

The screenshot shows the 'Login Page : Travel Agents/Cab Operators'. It features a login form with 'Username' and 'Password' input fields and a 'Login' button. Below the form, there is a link 'Not Yet Registered on Packedbags? Register Now!' and a note 'Learn the benefits of registering with us.!'.

For design codes/github links,
Please visit –
www.ishandikshit.com

For everything else : ishan.juit@gmail.com