ISHU SINGLA

☽ : +919654722840

✉ : ishu01735singla@gmail.com

Competent and experienced professional seeking for assignments in **Software Development** with a progressive and innovative organization, thereby directing my future endeavors as an asset to the organization.

Profile Summary

- Currently working as a developer at Shimply Software Pvt. Ltd., working on the e-commerce platform, Shimply.com.
- Strong communication, interpersonal, analytical & team building skills.
- Proficient in grasping new concepts quickly and utilizing the same in a productive manner.
- Possess good algorithm development skills.

Employment Details

July'2014 - till date: Shimply Software Pvt. Ltd., New Delhi as Software Engineer

Key Result Areas
Project Execution
- Participated in entire project related activities to be in tune with the core business objectives

Design/ Architecting
- Worked with other team members for identification and designing of client's solution.
- Handled the design of the software using Ruby On Rails, JavaScript technology.

Software Development
- Developed software with Ruby on Rails, JavaScript technology.

Major Projects

Title   : **E-Commerce platform** (**Shimply.com**)
Project Description : Shimply.com is an E-Commerce shopping website offering unique products over 1300+ categories.

Role   : Cart and seller central design for shimply.com
                      Built an automatic data entry tool of products on shimply.com and have listed more than 15 Lakh products.
                      Integrated payment gateway of Zaakpay, PayuMoney and HDFC for the site.
                      Worked on faster image processing of products

Title   : **Program slicing based clone detection in object oriented systems**
Team Size   : Individual
Project Description : As a part of ME research, a method is proposed to use program slicing technique for clone detection in object oriented programs. As program slicing concentrates only on the relevant portion of the programs, this property is utilized in clone detection process.

Role   : Developed an algorithm for computation of program slices.
                      Data and control dependencies in program have been utilized to represent Program Dependence Graphs in the form of adjacency matrix.

Another algorithm is developed taking the advantage of sparse nature of adjacency matrix to extract partial slices with in program.
These partial slices are finally matched to find out potential clones.
Finally these algorithms are integrated into a tool developed in **Java** to detect clones.

Title   : **Latent Fingerprint Enhancement**
Team Size   : 3
Language   : MatlabR2010b

Project Description : Identifying suspects based on impression of fingers lifted from crime scenes (latent prints) is a routine procedure extremely important to forensics. The small no of minutiae and noise characteristics makes it extremely difficult to enhance these fingerprints. The purpose of this project is to study about various researches in this field and to develop a sequence of steps or algorithm that can be applied to improve these latent fingerprints**.**

Academic Details

- M.E. (Computer Science) from **PEC University of Technology** securing 7.25 CGPA.
- B.E. (Computer Science) from **GITM Bilaspur** securing 73% marks**.**
- Class XIIth from CBSE Board with 79.0% marks.
- Class Xth from CBSE Board with 72.8% marks.

Technical Preview

Programming Languages   : Ruby on Rails, JavaScript, Java, C, HTML, DHTML, MySQL
IDE   : Eclipse, Net Beans, Studio Aptana
Subject Knowledge   : Data Structures, Database Management System, Operating Systems

Personal Details

Date of Birth   : 01st Sep'1989
Languages Known   : English and Hindi

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Date: 13th April 2014   **Signature**
Place: New Delhi   **(Ishu Singla)**