RESUME

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CAREER OBJECTIVE:

To secure a challenging position where I can effectively contribute my skills as Software Professional, possessing competent Technical Skills and work for the betterment of the organization and thus facilitate my own growth.

ACADEMIC PROFILE:

COURSE	INSTITUTE	Dates	% OF MARKS
MS Software Engineering	Malardalen University, Sweden	August-2010 to April 2012	Pursuing
B.Tech Information Technology	Pallavan College Of Engineering, Kanchipuram, India	June 2011	73.0%
H.S.C	Government Boys Higher Secondary School, Arakkonam, India	April 2007	85.0%
S.S.L.C	St. Andrew's Higher Secondary School, Arakkonam, India	April 2005	94.4%

TECHNICAL SKILLS:

- Languages : C,C++, SQL, Java, C#
- Eclipse : EMF, ADT, Eclipse Plugin Development, GMF, QVT
- RDBMS Packages : MySQL
- Operating Systems : Windows XP, Windows 7
- Web Designing : XML,HTML
- Java Platform : Java 1.5

- .Net Platform : C# .Net
- IDE : Eclipse, NetBeans
- Testing : JUnit
- Versioning System : SVN
- Development Methodologies : XP, Scrum

PROJECT PROFILE:

Project #1

Title	:	**Public Transportation System- Product Line**
Client	**:**	University of Ottawa, represented by Timothy C. Lethbridge
Duration	:	Aug 2010 – Jan 2011
Environment	:	Umple, Java Swing, Eclipse IDE

Description

Public Transportation System Product Line is a SCORE (Student Content on Software Engineering) project presented at ICSE 2011(International Conference on Software Engineering held in Hawaii). which aims to create a software product line in the public transportation domain. The main goal is to design a product core implementation, on which multiple software products could rely on. Additionally, three software products (instances) had to be developed to demonstrate the reusability of the product core implementation.

Project #2

Title	:	Vasagatan 44.1
Client	:	Andrew Das Arulswamy, Slovenia
Duration	:	Sep 2010 – till date
Environment	:	Java Swing, Eclipse IDE

Description

VASAGATAN 44.1 is new software being developed to support the calculations based on the ionization energy theory (IET). IET is a scientific theory within the sub-fields of quantum physics and statistical mechanics that has applications in basic-energy, physical and biochemical sciences. The primary aim of this software is to implement IET systematically such that VASAGATAN 44.1 can carry out all the required calculations from a set of analytic IET equations. In addition, the software´s main goal is to accurately reproduce the IET equations in graphical (figures) and numerical (tables) forms with advanced and user-friendly user interfaces.

Project #3

Title	:	Automatic Graphical Testing Framework
Client	:	Thomas Leveque, Post-Doctoral Researcher, MDH, Sweden

Duration : Feb 2011 - June 2011

Environment : SWTBot, Eclipse IDE

Description

The goal of this project is to provide a framework to make as easy as possible graphical tests of PRIDE. PRIDE is a development environmental based on Eclipse used to build distributed embedded systems developed at Malardalen University, Sweden. Result of this work is intended to be used by PRIDE developers to make integration tests and by analysis providers to test their tools.

Project #4

Title : Treasure Hunt Generator

Client : Antonio Cichetti, Post-Doctoral Researcher, MDH, Sweden

Duration : Oct 2011 – till date

Environment : ADT, Eclipse IDE, Acceleo Transformation

Description

The goal of this project is to develop an eclipse plugin for generation of a treasure hunt application for Android phones. The code should be generated through model to code transformation using Acceleo. There should be two separate models, one representing the application and the another one representing the phone settings.

Project #5

Title : Visual studio plugin for proxy object code generation

Client : Frank Luders, Senior Lecturer, MDH, Sweden

Duration : No 2011 – till date

Environment : Visual Studio 2008

Description

The task is to implement an add-in for Visual Studio 2008 that can inspect an existing Smart Device component and generate source code for a new component providing proxy objects to the original component. The add-in should be able to inspect a .NET or COM component and display its provided classes with interfaces and operations in a graphical user interface where the user can select what should be available in the new component. It should also allow the user to make some adjustments to the exported functionality, for example to automatically add simple logging of operation invocations of selected operations.

Master Thesis

Title : Automated Generation of Modeling views with concurrent modeling on Eclipse

Client : Antonio Cichetti, Post-Doctoral Researcher, MDH, Sweden.

Duration : NOV 2011 - till date

Environment : SWT, Eclipse IDE

Description

This project aims at supporting distributed modeling activities by managing the concurrent manipulation of the same model. Whenever a model element is edited appropriate locks have to be activated in order to avoid other developers to operate conflicting changes on the same element.

ACHIVEMENTS:

- Finalist in the ICSE(International Conference on Software Engineering) held at Hawaii in 2011
- School Topper during the 10th Standard Board Examination
- School Topper during the 12th Standard Board Examination
- Secured 54% marks in the Sun Certified Programmer for the Java Platform, Standard Edition 5.0 Examination

PERSONAL PROFILE:

Name	: UMA SHANKAR SUBRAMANI
Date of Birth	: 28 November 1988
Gender	: Male
Age	: 23
Marital Status	: Single
Nationality	: Indian
Languages known	: English & Tamil
Hobbies	: Listening music, surfing internet, playing Cricket