Resumé

General Information

Name	**Sushant Mahajan**
Email	sushant.mahajan88@gmail.com
Contact No.	+91-9971544745
Address	DE-89, Tagore Garden, New Delhi-110027
Graduation	B-Tech (Computer Science and Engineering)

Career Objective

Seeking a career in software engineering with opportunities to learn about the latest advancements in the field and effectively contribute my knowledge as a team worker in your highly innovative organization.

Educational Background

Degree/Qual.	Year of Passing	Board/Univ.	Institution	%age/CGPA
B-Tech (Computer Science and Engineering)	2011	JIIT	Jaypee Institute of Information Technology	7.7 (81%)
XIIth (PCM+Computers)	2006	ISC	St. Joseph's Academy	89.50%
Xth	2004	ISC	St. Joseph's Academy	86.83%

Work Experience (19 months @ CSC India Pvt. Ltd. [July, 2011 – current])

Clinical Process Module- Project in Healthcare domain for a Denmark based client and is used by clinicians at hospitals (healthcare is completely under government control in Denmark, hence all hospitals use it). The project is used to document and co-ordinate all activities related to the treatment of a patient.

The project is release based and I have been part of two releases and 3 modules of this project.

- **Module 1: Standard Phrases** – Used to create and edit RTF text at the backend and provide the services and framework for their usage in the main client module (can be inserted in the text/speech editors).

  Responsibilities:
  - Prepare design document from requirements
  - Coding
  - Writing JUnit Test Case

- **Module 2: Intervention*** – Did work related to extending the existing functionality of Intervention module by changing the design pattern on the client side.

  Responsibilities:
  - Prepare design document from requirements
  - POC of the pattern
  - Coding
  - Writing JUnit Test Case

- **Module 3: Intervention Status (Extn. Of Intervention)** – Worked on adding the facility to edit multiple interventions at a time from a list and creation of Intervention Plan functionality (customizable grouping of interventions).

  Responsibilities:
  - Coding
  - Writing JUnit Test Case

- **Internal Project: Junit Bootstrap Loader –** This work was aimed at reducing the time required for preparing a new Environment, so that it may run the application and JUnit test cases, from a few weeks to a few hours. It helps a developer/tester to load appropriate data required into the DB. This data includes terminology codes, constants, ids, names, profile options and even XML template files. It can be compared to a class loader in JAVA.

  Responsibilities:
  - Creating user stories
  - Analysis of codes being used

- Implementation coding and review
- Part of documentation team.
- Testing on fresh environments

- **POC on Swing UI testing automation –** The idea was to reduce the testing effort by the developer in testing the developed UI manually. The tests should be able to execute on their own without any outside intervention and provide relevant feedback. A number of tools are analyzed and finalized

  Responsibilities:
  - Analysis of UI
  - Writing code to test the tools
  - Generating reports
  - Giving the relevant details to offshore team

*An intervention is any activity done by a clinician to intervene between a patient and a disease. Ex: Give medicine, Perform operation, Perform tests etc.

I also worked in the development of a small swing based tool capable of creating XML entries based on supplied String constants (using regular expressions) which will then be inserted in the database. This was used to simplify internationalization.

Technologies and tools: JAVA(Core), Swing, XML, Oracle, HTB DB framework, Design Patterns, SONAR quality tool, UISpec4J UI testing tool, QAPlug source code quality, SVN, Intellij Idea JAVA IDE

Skills

- Worked on JAVA(Core), MySql, Oracle
- Familiar with Linux, Python
- Familiar with php, HTML, AJAX, CSS, Javascript and Flash
- Worked on Design Patterns, UML

*Worked - Have working experience, Familier - Have not worked professionally.

Collegiate Projects Completed

· **Live Facial Expression Recognition**- This Project aims at recognizing various facial features of a person from a real time camera feed using various image processing and classification algorithms. Developed using C/C++, Intel OpenCV, Linux, libSVM.

· **JLMFSC**- A LAN utility for sharing files, playing games and sending messages. Developed completely in JAVA. Used UDP and TCP/IP connections for various services. OSS with homepage at http://sourceforge.net/projects/jlmfsc/. Also received 100% free Softpedia award.

· **UrNetwork**- An experimental social networking website developed as a minor project by a group of 4 students.

· **VCOD**- The aim of this project was to control a robot car by giving voice commands to a computer and then sending the appropriate signal to the car.

· **UCGT**- The user can create a UML diagram of a solution and as an output generated the appropriate C++ code. Developed completely in JAVA.

Additional Information

Awards and Achievements

- AIR 440 in GATE 2013 (99.81 percentile) in computer science and engineering.
- 1st position out of 100 in programming contest at college's annual fest "JIVE '09".
- Organized event "3-Idiots" at the college's annual fest "JIVE '10".
- 6th out of 150 at the college's conference (IC3) for the project, Voice controlled obstacle detector.
- Participated in "ACM" Kanpur and received certificate of achievement.
- Participated in "ZEALICON '09" – a robotics competition.